# Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.





ENGLISH IRIS See Page 30 Summer and Fall 1934

# General Directions to Customers

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as ourselves:

ORDER EARLY. We aim to execute all orders as soon as received, but during the rush season from March to May and again from July to September, slight delays are unavoidable, which, however, can be largely overcome by our patrons anticipating their wants and ordering and taking delivery of their requirements early.

CANADIAN SHIPMENTS. Flower seeds are sent postpaid. Plants are sent by express, purchaser paying all charges. Patrons who wish to purchase plants or bulbs must secure a permit from the Department of Agriculture, Ottawa.

SAFE ARRIVAL OF PACKAGES. We guarantee the safe arrival of all goods sent by express or mail to points within the United States. If a package sent by express or mail is injured or lost, we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods. Claims for damage must be made on receipt of goods. We do not hold ourselves responsible for failure after delivery of the goods in good condition.

ERRORS. We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business, errors sometimes occur, in which event we wish to be promptly notified of the fact, and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

REMITTANCES should be made by Post Office Money Order, Checks, Drafts or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letters should be registered. Coin should not be sent by mail.

CASH WITH ORDER. Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery" unless remittance be made on account to guarantee acceptance.

NAME AND ADDRESS. Please remember to write on each order your name, post office, county and state; also give number of street or P.O. box as distinctly as possible; also the nearest express office, or, if on a stage route, send us special directions.

CATALOGS. We send our customers two catalogs annually, viz: Garden Book in January, Iris and Mid-Summer Catalog combined about July 1. Customers having more than one address will oblige by stating to which address they wish the catalogs mailed.

NON-WARRANTY. Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalog will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

We are NOT open for business on Sundays Visitors who want to see the flowers always welcome!

### HINTS ON SOWING FLOWER SEEDS

When sowing seeds, bear in mind the fact that every fertile seed contains a living plant in embryo. The germ of life is there in a state of suspended animation and only awaits favorable conditions to quicken and develop. Water, heat and air are the all-important factors, and a happy combination of these must be the object of all preparations.

WATER. As a general rule, a seed requires to take up a quantity of water equal to its own bulk to enable the germinating processes to commence. After they have once started, germination must go on, and growth continue, or the

embryo will perish.

**TEMPERATURE.** Experiments have proved that seeds of hardy plants give the best percentage of germination if sown in a temperature of 45 degrees to 50 degrees. Half-hardy subjects should be given 10 degrees more, while Cucumbers, Melons, Bananas and the like, which revel under tropical conditions, should be afforded a seed bed temperature of 70 degrees to 75 degrees.

AIR. Seeds breathe, giving off during the germinating processes carbon dioxide, and unless this can readily escape, germination is materially hindered, hence the advisability of using an open sandy compost that air can readily

penetrate.

SEED SOWING UNDER GLASS. Seeds of any type sown under glass in pots or boxes should be sown very thinly, and be just lightly pressed into the soil with the aid of a piece of board. The soil should have been previously moistened and allowed to drain, and after sowing, cover the seed with three times its own diameter of fine sandy soil. By this method the seed is enclosed in a moist bed, from which loss of water by evaporation must be checked by covering the pots, etc., with sheets of glass, and shading from direct sunshine with paper until the seedlings appear, as the soil must on no account be allowed to become dry after sowing. If possible, avoid any further watering until the seed has germinated, but should it appear necessary, water is best applied by standing the pot or pan in water up to the rim.

SOWING SEED OUT-OF-DOORS. Outdoor sowings are less under control, but the careful cultivator will usually be able to get a satisfactory seed bed. This is of the utmost importance, as much good seed is ruined by being sown when the soil is in an unsuitable condition. Good results can never be obtained by sowing in a pasty soil; the land should work freely without "balling," a condition that can often be obtained early in the season by lightly forking over and leaving to dry for a few hours in the sun and wind before attempting to

rake down.

SOWING HARDY ANNUALS. Seeds of Hardy Annuals can be sown direct into the position in which the plants are to bloom; making both spring and autumn sowings, the best months being March and April — September and October, respectively, for most types. Prepare the positions thoroughly, sow the seed very thinly and cover with fine sandy soil. Many species, including such favorites as Mignonette, Clarkia, Godetia, Nigelia, Schizanthus and many others, transplant readily, and an earlier supply of bloom may be obtained by sowing these subjects in boxes in gentle heat during early March, hardening the plants prior to transplanting to their flowering positions during April. The first mentioned is popularly supposed to be a difficult subject to transplant, but this will not be found to be the case if transplanting is firmly done when the soil is in fairly moist condition; the plants should not be watered in, but may be freshened by spraying with a syringe, or fine rosed can, should the weather prove dry and sunny.

SOWING HALF - HARDY ANNUALS. Such as Asters, Phlox Drummondii, Salpiglossis, etc., should be sown in boxes or pots on a mild hot bed during first or second weeks in April, and grown on steadily during the six or eight weeks that must elapse before it is safe to put them into their flowering quarters. The more tender types usually grown for greenhouse decoration, as for instance, the Thunbergias, Celosias, Torenias, etc., should be sown in good time, say April at

the latest, or the season will be far spent before they are in bloom.

HARDY BIENNIALS. Should be sown at an earlier date than is usually the case; much better plants can then be obtained and the wealth of bloom these will give in the spring will amply repay. A good general rule to adopt, and one that will provide a useful, timely reminder, is to make a point of sowing seeds of Hardy Biennial plants for the following year's supply at the time the current

year's plants are in full bloom.

HARDY PERENNIALS. Seeds of these should be sown during spring and early summer, and where the convenience exists it is a good plan to sow in pots or boxes in a cold frame, transplanting when large enough to handle into nursery beds until the autumn. Otherwise, the seed may be sown in the open ground, observing the precautions already advised as to conditions of soil, etc. Shading is important and the seed beds should be protected from full sun until the seed-lings are well established.

#### **ANEMONES**

It is not generally realized how easily Anemones may be raised from seed, or how quickly they bloom from the time of sowing, if properly treated. As a rough guide, the actual time from sowing to flowering is about 7 months. There is little need for us to dwell on the beauty and usefulness of all Anemones, both for bedding and particularly for cutting. Their extremely bright, rich, and cheerful colorings make them most welcome as cut tlowers.

CULTURE—When required for autumn display, sow under glass in February or early March, or indeed they may be sown outdoors during March given favorable weather conditions. For flowering the following spring, sow in a cold frame during the early summer. The seed is rather difficult to sow owing to its woolly, clinging nature, so it is best rubbed in sand to facilitate thin and even distribution. Anemones are not difficult or fastidious subjects, but it must be said that they prefer a well-prepared and fairly rich, though light soil.

PULSATILLA — The Pasque Flower. Hardy perennial; desirable early spring flower for the border or rockery. Easily raised from seed sown in July or August. Height 1 ft. Color violet. Seed, per pkt. 15c.

ST. BRIGID. These beautiful, brilliant flowers may be easily raised from seeds, sowing them early in spring in boxes or cold frames, or later out of doors, lightly covering them with a mixture of sandy loam and screened peat moss, thinning them out as they grow; entirely hardy. Double and Single Irish Creagh Castle Strain, the largest flowered strain with the finest range of colors. Seeds 1/16 oz. 75c; pkt. 20c.

Also to be had in bulbs for fall or very early spring planting (not later than April 1st). JUMBO size, 75c per doz; 3 doz. for \$2; post paid. First Size, one year old bulbs (all will bloom) 50c per doz.; \$2 for fifty; \$3.50 for 100, post paid.

#### AQUILEGIA—COLUMBINE

Sow in summer or early fall to get blooming plants for next year. If sown in the spring seedlings will not bloom the same year.

MRS. SCOTT ELLIOTT'S LONG-SPURRED HYBRIDS. Carefully selected for the long spurs and best colors. In shades of pink, blue, lavender, white, yellow, etc., all mixed. Per pkt. 15c; 2 for 25c; 1/8 oz. 90c; 1/4 oz. \$1.50.

EMILY TENNEY. A lovely lavender. Extra long spurs. Per pkt. 25c.

AQUILEGIA CAERULEA. The lovely blue Colorado Rocky Mountain Columbine. Comes true from seed. It is a slow grower in captivity and needs shade and plenty of moisture at the roots, when it will produce the finest long spurred flowers you have ever seen. Will not thrive in light, dry, sandy soil. Collected Colorado seed; not ready until October. Pkt. 25c; 1/16 oz. 40c.

AQUILEGIA GLANDULOSA. This loveliest of all Columbines has been a specialty of our firm for over 10 years. Dwarfish in habit, 12 to 18 inches, it carries enormous blossoms of pure rich sapphire blue with a snow-white center. Too often it is fussed to death. Here we plant it out young in beds of strong yellow loam and it grows and flowers superbly. 1/16 oz. \$1.50; pkt. 25c.

HENSOL HAREBELL. This has proved itself by far the best all-blue Columbine. In effect it is A. alpina with big blossoms of pure sapphire blue, but unlike alpina this is easy to grow, forming a strong hearty clump, and throwing up a forest of erect flower stems 2 to 3 feet tall. An absolutely first-class plant which cannot be too strongly recommended. Spurs are only of medium length. 1/16 oz. 30c; Pkt. 15c.

UNWINS SWEET SCENTED HYBRIDS (New). 2½ feet. They produced this new and distinct race by crossing the Long-Spurred type with a very large, broad-cupped, scented species sent us several years ago by a customer in northern India. In the main, these hybrids are large-flowered and long-spurred, while a very big percentage possess a delicate perfume closely resembling that of the scented peonies. Though practically all the colors which are found in the Long-Spurred hybrids are included, most of the seedlings are lavender, mauve or blue in various tones, with bold white and yellow cups. Pkt. 25c.

PEARSON'S PINK SHADES. A true strain of Coral Pink only; long spurs. 1/16 oz. 40c; 2 pkts. 25c; per pkt. 15c. Extra long spurs.

#### **AQUILEGIA—Continued**

CRIMSON STAR. English Novelty. Flowers very large with crimson sepals

and spurs, and white petals. Per pkt. 25c.

DOBBIE'S IMPERIAL HYBRIDS. Unquestionably the finest strain of Aquilegia ever offered. This strain, which we have kept under close observation, is the concentrated work of ten years' selection and re-selection, carried out by Mr. D. Thomson, the Schoolhouse, Duns. It is noteworthy for its very long spurs, fine form, and magnificent range of color. Among the "blues" will be found many tints of mauve, lilac, lavender, heliotrope, etc. The "reds" show almost every graduation from the palest pink to bright scarlet. A very special novelty—Dobbie's description. Finest mixed, per pkt. 15c; 1/16 oz. 50c.

SNOW QUEEN. A tall, long spurred, pure white variety with extra long spurs of a slight flesh pink shade giving the flower a lovely appearance. 1/16 oz.

40c; 2 pkts. 25c; per pkt. 15c.

GLANDULOSA VERA. The true blue Siberian Columbine. Beautiful blue and white flowers with recurving spurs. Fine for pot culture. Seeds require pa-

tience (4 to 6 weeks). This is a rare treasure. Per pkt. 25c.

MRS. SCOTT ELLOITT'S STRAIN. Many columbine lovers consider this the loveliest of all modern long spurred strains, and indeed you will get some of the loveliest flowers you ever had with a marvelous range of delicate colors; our seed parents were especially lovely this year having obtaind the original seeds from a noted specialist of the ELLIOTT strain in England last year.

Seed: ½ oz. 90c; 1/16 oz. 50c; 2 pkts. 25c; per pkt. 15c. UNWIN'S SWEET SCENTED HYBRIDS (New). 2½ feet. They produced this new and distinct race by crossing the Long-Spurred type with a very large, broad-cupped, scented species sent us several years ago by a customer in northern India. In the main, these hybrids are large-flowered and long-spurred, while a very big percentage possess a delicate perfume closely resembling that of the scented peonies. Though practically all the colors which are found in the Long-Spurred hybrids are included, most of the seedlings are lavender, mauve or blue in various tones, with bold white and yellow cups. 1/16 oz. 50c, pkt. 15c.

BLUE KING. (2 ft.) A much improved strain, the result of many years' careful selection. The VIVID DEEP BLUE flowers are very large with extra long spurs. This strain comes about 90% true. Seeds: 1/16 oz. 50c; 2 pkts. 25c; per

pkt. 15c.

#### Hints on Sowing Aquilegia Seed

If you have difficulty with these seeds, remember that it takes 3 and 4 weeks for the seed to germinate. To insure a 90 per cent germination, cover seed bed with burlap and keep moist until germination starts.

#### PERENNIAL ALYSSUM

In order to get flowering plants in spring, seed must be sown in summer or early fall.

SAXATILE COMPACTUM. Yellow. April-May. One-half foot. Best grown as a hardy biennial and sown annually in July to keep plants neat looking; they bloom the following spring. Lovely in the border with blue Scillas. Seeds, per pkt. 10c; 3 for 25c; ¼ oz. 40c. CITRINUM. Charming variety. Masses of lemon-yellow flowers. Dwarf, com-

pact habit. Especially good for edging and rockery. One-half foot. April to

June. Seeds, per pkt. 15c straight.

#### CAMPANULA—THE BELL FLOWERS

A sunny position with a moderately rich soil suits them best.

CARPATICA. The lovely blue Carpathian Harebell for the rock garden or bor der. Height 12 in. Per pkt. 15c; 2 for 25c.

C. ALBA. The white form of the above; prices the same.

PERSICIFOLIA GRANDIFLORA, Fairy Queen. The lovely peach-leafed Bellflower. Immense, clear, azure-blue bells; height 18 in. to 2 feet; very showy and a most satisfactory cut flower, keeping for days. Pkt. 15c. PERSICIFOLIA GRANDIFLORA ALBA. White form of the above; prices same.

PERSICIFOLIA FLORE PLENO "MOERHEIMII." Double pure white; very

fine. Pkt. 25c.

#### CAMPANULA — Continued

PERSICIFOLIA FLORE PLENO "PFITZERI." Double blue. Pkt. 25c.

TELHAM BEAUTY (New). The largest bells, of beautiful china blue; height 2 feet. Per pkt. 15c; 2 for 25c.

ROTUNDIFOLIA. The lovely Harebell of Scotland; pale blue, slender, graceful

habit; 9 inches. Pkt. 15c.

C. ROTUNDIFOLIA var. "OLYMPICA." This delightful Harebell is of a beautiful deep lavender blue, borne on a plant of compact habit about 8 inches high, a hardy perennial plant, blooms in June and continues till August. Easy from seeds. Choice for the rockery or the border. 1/16 oz. \$2.50; per pkt. 25c.

C. PYRAMIDALIS. The Chimney Bellflower. Fine for the border; 3 feet. Blue.

Pkt. 15c; 2 pkts. 25c.

C. PYRAMIDALIS ALBA. The white variety. Pkt. 15c; 2 for 25c.

#### BIENNIAL CAMPANULA—CANTERBURY BELL

These certainly are the most showy of all the Campanulas; no garden should be without a few. To succeed with them in cold climates is to sow the seed in boxes in June in order to get sturdy plants by fall, when they should be transplanted into cold frames, or in a well protected spot outside; the important thing is to keep water and melting snow from the crowns, or they will decay; then in the spring transplant into the border, and you will be rewarded with magnificent spikes of these lovely showy biennials. It is useless to sow the seed late in the summer or in the fall, because you would not get large plants for spring transplanting, or at the best you will get only mediocre plants; neither must you sow the seed in the spring, expecting to get blooming sized plants by summer—you won't. In warmer climates the seeds can be sown right outside and the plants later transferred into their permanent places. The important thing is to get large plants by fall to winter over; give them plenty of room in the border, two or three feet, and rich soil.

MEDIUM CANTERBURY BELL. This is not the Cup and Saucer type.

SINGLE. Dark blue (Violet), light blue (Lilac), Rose Pink; white or all colors mixed. 2 pkts 25c; per pkt. 15c; all four colors (one pkt. each) 40c.

DOUBLE. In mixture only. 3 pkts. 25c; per pkt. 10c.

CALYCANTHEMA. Cup and Saucer type. We are offering this type in four colors; dark blue (Violet), light blue (Lilac), Rose Pink and white or all colors mixed. 2 pkts. 25c; per pkt. 15c; all four colors (one pkt. each) 40c.

CANTERBURY BELLS, Pudor's Prize Mixture, comprising all colors of single and double and cup and saucer; unsurpassed. Pkt. 10c; 1/16 oz. 25c.

#### CANDYTUFT—R. IBERIS—PERENNIAL CANDYTUFT

Most valuable plants for rockery and the border, giving dense masses of flowers in the early spring.

GIBRALTARICA. Large white flowers, tinted lilac. Very lovely; 12 inches. May to August. Per pkt. 15c; 2 for 25c; ½ ez. 35c.

SEMPERVIRENS (Snowflake). Pure white flowers, borne in great profusion. A perfect gem. 2 inches. April to July. Pkt. 15c; 1/16 oz. 25c; 1/8 oz. 40c.

#### CARNATIONS

DOUBLE PERPETUAL CHABAUD (Enfant de Nice). Beautiful fully double flowers of best quality, deliciously scented, as large as greenhouse carnations. Bloom abundantly within 4 to 6 months. Fine mixture.  $\frac{1}{8}$  oz. 70c;  $\frac{1}{16}$  oz. 40c; pkt. 20c.

LEGION OF HONOR. New. Color brick red. 1/8 oz. \$1.25, 1/16 oz. 65c; pkt. 25c.

PINK BEAUTY. ½ oz. \$1.25, 1/16 oz. 65c; pkt. 25c.
RUBY. New. Deep crimson. ½ oz. 90c; 1/16 oz. 50c; pkt. 20c.
SCARLET FIREFLY (McKinley). ½ oz. 90c, 1/16 oz. 50c; pkt. 20c.
YELLOW PURE (Marie Chabaud). Very fine color. ½ oz. 90c; 1/16 oz. 50c; pkt. 20c.

WHITE (Jeanne Dionis). 1/8 oz. 85c; 1/16 oz. 45c; pkt. 15c.

#### CYNOGLOSSUM

C. NERVOSUM. A very fine novelty. One of the true blue perennials of recent introduction. Award of Merit, R. H. S. Like a miniature Anchusa, 12 to 18 inches high, with handsome brilliant blue flowers in great profusion. Pkt. 40c.

#### SIBERIAN WALLFLOWER

CHEIRANTHUS ALLIONII. Is undoubtedly the finest orange-colored bedding plant grown. Sown in July and planted out in October in small beds or colonies of a dozen plants or so, a brilliant display is provided during the following April and onwards. Sown in September, planted out in March, a blaze of bloom can be obtained during the summer months, or can be sown in March for blooming from July to November. This lovely subject has been much neglected. Our notice, however, has brought it into prominence, and thousands of our customers have grown it with great success. It is delightfully fragrant. Per pkt. 10c; 1/8 oz. 25c.

#### DIGITALIS — FOXGLOVE

A fine border plant, suited for partially shaded positions. 4 to 5 feet. In order to get flowering plants in the spring, seed must be sown this summer or in early fall.

THE SHIRLEY (New). Magnificent strain, enormous flowers from pure white to deepest rose. Mixed. Pkt., 15c; 2 pkts. for 25c.

CANARIENSIS. Canary yellow Foxglove. Pkt., 25c.

ALBA. A pure white, lovely Foxglove, makes a beautiful showing among shrub-

bery. Pkt., 15c; 2 pkts. for 25c.

LITZ'S NEW PINK HYBRIDS. A very fine strain which originated in South Africa of remarkable beauty. A hardy perennial. Per pkt. 15c.

# Delphiniums—Hardy Perennial Larkspur



A Lovely New Seedling from Our "MOTHER OF PEARL" Plant No. 66 as Parent. A beautiful all-cobalt blue. Note the fluted and ruffled flower petals.

Seeds Ready for Distribution this Year by Middle of July The above also applies to AQUILEGIA and LUPINE SEEDS.

This early maturity of our seeds will enable you to sow your seeds outside in the late summer, obtain nice husky seedlings before freezing weather sets in, and transplant for the winter in your cold frames (in extremely cold climates), or in milder climates leave them right outdoors through the winter, and transplant to the permanent positions in the spring.

### PUDOR'S NEW PRIZE WINNER DELPHINIUM STRAIN

SEEDS from PRIZE WINNER STRAIN, only in best mixture from CHOICEST SELECTED plants: Per pkt. of approx. 200 seeds, \$1.00; also put up in ½ pkts. at 60c; 1/16 oz. (3 times as much as a whole pkt.) \$1.50. New seed crop ready last of July; will germinate in 10 days.

FROM A GENERAL FIELD RUN OF OUR PRIZE WINNER STRAIN. A very good mixture; we destroy all mediocre plants every summer. Per pkt. of approx. 200 seeds, 50c. Not put up in  $\frac{1}{2}$  pkts.  $\frac{1}{16}$  oz. (3 times as much) \$1.00. You will get many beauties from this low priced mixture, mostly double, in light and dark shades.

Special Notice: These seeds will germinate equally well in the Spring in 2

to 3 weeks, and will make blooming size plants the same season.

#### OUR "PEDIGREED" PRIZE WINNER STRAIN

Now in its sixth generation; all carefully selected and pollenized. Marvelous results may be expected. The choicest Delphinium seed you can possibly obtain. Per pkt. of 200 seeds, \$2; one-half pkt., \$1. Not sold in less quantities! EYES OF BLUE. A mammoth double flower of a rich gentian blue on a tall, vigorous stalk with an inconspicuous center. Seedlings will come about 75% true. Seeds limited and subject to previous sale. Please name a substitute. Per pkt. of approx. 100 seeds, 50c.



#### PUDOR'S DREAM

A magnificent seedling from our Prize Winner strain. Without doubt the handsomest Delphinium ever raised (so far) or grown in our gardens, and we have many gems.

The SIZE? Just put a silver dollar over the above flower, which was photo-

graphed from life as the actual size.

The COLOR? The outside petals are a deep clear blue; the inside petals a lovely clear orchid pink; the whole flower being overlaid with a glistening silver sheen. The bee is white. CONSTITUTION is most vigorous and robust. The height is up to nine feet. The FLOWER STALK is perfect, with the large blossom pips beautifully and artistically arranged, not too solid and not too thin. One simply stands spellbound before such beauties. Pkt. of approximately 200 seeds \$2.00;  $\frac{1}{2}$  pkt. \$1.00.



Actual Size 3 Inches

YOU, too, can Grow

DELPHINIUMS
Just Like These

It isn't the climate,
It isn't the soil,
It isn't the fertilizer—
It's the STRAIN.

Pudor's Pedigreed
PRIZE WINNER
STRAIN

Two New 1933
DELPHINIUM
SEEDLINGS

"Pedigreed"
PRIZE WINNER

**STRAIN** 

Grown from Our



Actual Size Over 3 Inches

#### SEPARATE COLORS

We find there is a demand for DELPHINIUM seeds from LIGHT and MEDIUM SHADES; FINEST MIXTURE "A," DARK AND PLUM PURPLE shades; finest MIXTURE "B." We have selected some 50 of the best plants in those shades and are offering this year such seeds at 50c for a full pack; 1/16 oz. (3 times as much) at \$1.00. In ordering be sure and state which shade you want A or B.

#### PUDOR'S WHITE DELPHINIUM HYBRIDS

(Original Hoodacre Strain 1931)

# THE DAY OF GOOD PURE WHITE, VIGOROUS DELPHINIUMS HAS ARRIVED—IT IS HERE!

Plants are 5 to 8 feet tall; some varieties are milky white, some glistening white, some with light centers, some with black ones, a few with golden brown ones.

Germination of the seeds is fully as good as from the blues, seedlings are vigorous and healthy; no more sickly, shiny foliage like we used to get from some of the blue hybrids.

We are collecting this seed from some 50 of our very choicest parent plants,

all large double, pure white blossoms. Some better than last year's.

FIRST GRADE. Per pkt. of approx. 200 seeds (not counted) \$2.00; ½ pkt. of approx. 100 seeds (not counted) \$1.00; 1/16 oz. (3 times as much as a full pkt.) \$4.00.

PLEASE NOTE: These seeds will produce some 10 to 25% of blues, but of remarkable colors; some new wonderful breaks; once and a while mother of

pearl colors.

SECOND GRADE, but a very good mixture from promising young white seedlings. Price: just one-half of the first grade. STATE PLAINLY WHICH GRADE YOU WANT.



PUDOR'S "WHITE WONDER" DELPHINIUM Pure White; Actual Size 3 Inches

Only a very small quantity of seed available this summer at \$2.50 per pack of 100 seeds.

#### DO YOU LIKE THRILLS?

Then Play With Seeds from our "MOTHER OF PEARL" DELPHINIUM, Known by Us as 55/66 as Parent Plants

These plants are a remarkable break from a pure white parent, producing marvelous blue and white double flowering seedlings (mostly in blue), now and then a beautiful strange "Mother of Pearl" color. All seedlings we have so far raised have been of remarkable vigor, great beauty with huge mostly double flowers. Some have been fluted and ruffled. Beautiful blues. We are offering this year for the first time, seeds from these parent plants at \$2.50 a full packet (approx. 200 seeds) and \$1.50 for ½ packet. Seed subject to crop and very little of it. First come first served. Orders will be filled strictly in rotation in fairness to all.

NOTICE: Please, be particular to state in your order: "Seed from 'Mother of Pearl 55/66'."

SEEDS FROM BLUE AND WHITE "SEEDLINGS"—PARENT PLANTS 55/66 As announced in our spring catalog, we grew some wonderful WHITE and BLUE seedlings in 1933 from seed of our "Mother of Pearl" 55/66 plants, which bloomed that fall and from which we sold quantities of seeds to our customers during spring of 1934. We again offer seed from these plants after having discarded this summer all plants that were not perfect in health, manner of growth and striking beauty, taking the seed from the best WHITES and the best BLUES separately at these reduced prices:

FROM THE BEST WHITE SEEDLINGS OF 55/66—Per pkt. of approx. 200 seeds \$1.50;  $\frac{1}{2}$  pkt. 80c.

FROM THE BEST BLUE SEEDLINGS OF 55/66—Per pkt. of approx. 200 seeds 1.00; no halfs; 1/16 oz. (3 times as much) 2.50.

PLEASE be particular in stating seeds from "The Seedlings" of 55/66— WHITE or BLUE — Which?

FOR SEEDLING PLANTS of any of the above for early fall or next spring's delivery, see under "PLANT SECTION."

IT HAS BEEN SAID THAT DELPHINIUM SPECIALISTS DO NOT OFFER SEED FROM THEIR CHOICEST PLANTS TO CUSTOMERS, BUT WE DO. WE GIVE OUR CUSTOMERS THE SAME CHANCE THAT WE HAVE TO PRODUCE SOMETHING NEW AND RARE—GIVING YOU THE FULL BENEFIT OF OUR EXPERIENCE HYBRIDIZING AND SELECTION AND THIS IS NO SMALL JOB, BELIEVE US.

#### TO RECAPITULATE OUR SEED OFFERINGS

BEST MIXTURE OF OUR "PRIZE WINNER STRAIN." Whole pkt. \$1.00; ½ pkt. 60c.

GENERAL FIELD MIXTURE OF OUR "PRIZE WINNER STRAIN." Pkt. 50c. PEDIGREED PRIZE WINNER STRAIN. Whole pkt. \$2.00; ½ pkt. \$1.00.

FROM PURE WHITE DELPHINIUMS—First and Second Grade. \$2.00 and \$1.00 SEED FROM ORIGINAL PLANTS "MOTHER OF PEARL" Nos. 55/66. \$2.50. SEED FROM "SEEDLINGS" (The First Generation) of "MOTHER OF PEARL" Nos. 55/66. From BLUE or WHITE Blooming Seedings—STATE WHICH?

ALSO FROM "DREAM" and "EYES OF BLUE."

BLACKMORE & LANGDON (English Strain). Seed from their finest 1933 Novelties. Gorgeous shades of blue and deep rich purples. Ready in early July this year. Home grown.  $\frac{1}{2}$  oz. \$6.00;  $\frac{1}{4}$  oz. \$3.50;  $\frac{1}{8}$  oz. \$2.00;  $\frac{1}{16}$  oz. \$1.25; per pkt. approx. 200 seeds 50c.

NAMED ENGLISH VARIETIES, such as "The Shah," "Nora Ferguson" and others will be listed in our 1935 catalog in January. Such seeds usually do not arrive in this country until the last of August—too late for a successful

fall sowing.

### NEW ENGLISH NAMED BELLADONNAS

BELLADONNA—CLIVEDEN BEAUTY. Larger and taller than Belladonna. Per pkt. of 100 seeds, 15c; 3 for 25c; 1/8 oz. 90c; 1/16 oz. 50c.

BELLADONNA—FANNY STORMOUTH. Light azure blue. Very large. Per pkt. of 100 seeds, 15c; 1/8 oz. 90c; 1/16 oz. 50c.

BELLADONNA—BELLAMOSUM. Dark blue. Per pkt. 15c; 2 for 25c.

#### DELPHINIUM SINENSIS OR CHINESE

This is a true perennial, and can be planted both in the fall and spring, but if planted in early spring it will bloom in August, otherwise older plants in June and July, making beautifully shaped little clumps of these charming blue flowers. Lovely in front of the border, around pools or in the rockery. Its foliage is small; height 12 inches.

AZURE FAIRY. Light Belladonna blue.

BLUE BUTTERFLY. Brilliant deep-sea blue. Height 18 inches.

BLUE GEM—New. Deep blue, very compact habit; a fine bedder and a charm-

ing plant for your Alpine garden.

CAMBRIDGE BLUE—New. A lovely light blue in the annual or Chinese class. Similar in color to the well known Belladonna, the color, however, far surpasses Belladonna in brilliancy, and is a rich clear blue. The plants grow to a height of about 2 to 3 feet, and make a very fine cut flower. Best treated as an annual, though in many sections it will prove a very satisfactory perennial.

PRICE OF SEEDS of each variey—not for sale in mixture: 1/4 oz. 75c; 1/8 oz. 40c;

1/16 oz. 35c; per pkt. 10c; any three for 25c.

#### ESCHSCHOLTZIA—HARDY CALIFORNIA POPPIES

May be sown in the fall for blooming next year. Take care to thin out sufficiently, 10 inches apart is not too much. They are difficult to transplant but it can be done while they are very small. A poor, sandy, dry soil is just the place

for Eschscholtzias.

From the original golden yellow California Poppy there have now been evolped the most lovely colors imaginable, from pure white to the deepest crimson—all exceedingly beautiful varieties. They make indeed a most gorgeous effect in the garden, blooming all through the summer months, from seeds sown in the open ground early in the spring, and thereafter take care of themselves for years to come, by self-breeding, and from the plants, which are really true perennials. Some of the new colors are still quite rare.

ENCHANTRESS. One of the most charming of all Eschscholtzias. The color on the outside of the petals is soft rosy carmine; on the inside a lighter tone of rosy carmine heavily overlaid cream. The flowers are double, and of exquisite form. This variety will be admired by everyone. It is of very robust habit, and more floriferous than any of the varieties at present in cultivation.

THE GEISHA. Outside orange crimson, inside a deep golden yellow. This beautiful variety received an award of merit from R.H.S. of England.

MIKADO. Intense crimson scarlet.

DOUBLE CARMINE QUEEN (New). A double lovely vivid crimson carmine tone.

DAZZLER. The description "flame color" has been applied to many flowers, but never has it fitted so aptly, for "Dazzler" is a really true flame scarlet. The habit is similar to the popular "MIKADO," but the color is so bright and rich that we have no hesitation in saying that there is no other annual which can produce the same brilliant bedding effect. The flowers are of very large size and of extremely beautiful form.

SPECIAL MIXTURE, including all the new shades, which create a most brilliant

PRICE OF ALL ESCHSCHOLTZIA SEED: 1/4 oz. 35c; per pkt. 10c.

#### ESCHSCHOLTZIA—DWARF VARIETY

TENUIFOLIUM or MINIATURE "PRIMROSE." Six to 8 inches. Of dwarf, bushy habit and exceedingly free flowering, this bright little primrose-yellow Eschschlotzia will be found exceedingly useful for edging and charming in the rockery. The flowers are much smaller than the ordinary type. This is a real floral gem which will become very popular when better known. 1/16 oz. 25c; per pkt. 15c.

#### GEUM, AVENS (Family: Rosaceae)

LADY STRATHEDEN. Rich, golden yellow, double, a great favorite. Pkt., 15c; 2 for 25c.

MRS. BRADSHAW. Two feet; large, brilliant semi-double orange-scarlet; splendid for cutting. Pkt., 15c; 2 for 25c.

Both Geums are in flower throughout the entire summer.

BORISII. A charming rare Geum for the rockery. 12 inches high; single orangeyellow flowers; a perpetual bloomer from early spring until frost. Seed must

#### GEUM, AVENS — Continued

be sown in the fall or winter as soon as ripe and requires frequently until spring to germinate. 1/16 oz, which is a lot of the small, light seed, \$1.00;

per pkt. 25c. Plants in the fall or spring at 40c each.

FIRE OPAL. Another new Geum, and probably the finest of all. Color, just what the name implies. Seed per pkt. 25c, but also slow and uncertain. Plants in the fall or early spring at 40c each.

#### FLAX—PERENNIAL

SIBIRICUM (Perennial Blue Flax). Dainty, feathery foliage, slender growing hardy perennial, with light blue flowers; two and one-half feet; lovely for the rockery or among other plants. Pkt. 10c; 3 for 25c; 1/8 oz. 35c.

LINUM NARBONENSE (New). Very large flowers; graceful habit, of deep steel blue; blooms later and longer than the type. A large bed in our nursery was

the admiration of every visitor. Height 2 feet. Seed, per pkt. 25c.

L. FLAVUM COMPACTUM NANUM. New. Fine for the rockery. Glowing golden yellow flowers with deep green foliage. Per pkt. 25c.

GRANDIFLORUM RUBRUM (Scarlet Flax) is an annual.

#### GAILLARDIA

DAZZLER. Large yellow and red flowers, fine for cutting. 2 pkts. 25c; per pkt. 15c.

TANGERINE. New. Orange red. 2 pkts. for 25c; per pkt. 15c.

BURGUNDY. New. Coppery scarlet, self color. Very fine. Per pkt. 20c.

#### **DIANTHUS—PINKS—Perennial Varieties**

D. ALLWOODII, Double Mixed, Extra Fine. Award of merit Royal Hort. Society.

Per 100 Seeds \$3.00; per 50 seeds \$1.50. ALLWOODII ALPINUS. Novelty. A valuable new hybrid, single and semi-double.

Dwarf for the rockery, only 6 inches. Per pkt. 25c.

D. WINTERI (New). Nine inches. A most valuable new strain of pinks. The large sweetly scented single flowers are of delightfully clean, pure colors. Plants are hardy, exceedingly free flowering of close, tufted habit and ideal for rockery or borders. We highly recommend these lovely pinks. 1/16 oz. \$1.00; per pkt. 20c.

HIGHLAND QUEEN HYBRIDS. New. Immense variety of colors, crimson, sal-

mon. pink. 1/8 oz. 75c; 1/16 oz. 40c; per pkt. 25c.

D. BARBATUS OR SWEET WILLIAM, NEWPORT PINK. A charming new strain, beautiful shades from salmon pink to Newport pink. Per pkt. 10c; 3 for 25c.

BARBATUS (Sweet William) SCARLET BEAUTY. Vivid orange or salmon scar-

let; very beautiful. 3 pkts. for 25c; per pkt. 10c.

If you want wonderful color in your garden, or are looking for a lasting cut flower, grow Sweet William! If you sow them early this fall you will still get blooming plants next summer, but if you wait until next spring you will obtain fine big plants during next year, but they will not bloom until the year following.

SWEET WIVELSFIELD. One foot. Somewhat like the annual Sweet William, a cross between Dianthus Allwoodii and Sweet William; a free flowering

Hybrid. Per pkt. 15c; 2 for 25c.

#### GYPSOPHILA—BABY'S BREATH

PANICULATA DOUBLE SNOW WHITE. One of the most important hardy perennials of recent introduction. The plants grow from three to three and one-half feet high, bearing its pretty little double white flowers in muchbranched panicles which, when cut, can be used to great advantage with other flowers or by themselves, as they retain their beauty for months. It is also a most desirable addition to the hardy border. Blooms first year if sown early. Per pkt. 25c; 3 pkts. for 60c.

PACIFICIA. A new rose-colored or pink hardy perennial Baby's Breath; begins to flower when the white paniculata varieties have passed. (Not to be confused with the pink Statics latifolia, the great Sea Lavender, which some

gardeners insist upon calling Pink Baby's Breath, which it is not.)

The above new pink Gysophila is a true Baby's Breath of the paniculata variety. 1/8 oz. \$1.00; 1/16 oz. 50c; per pkt. 25c.

#### HEUCHERA—CORAL BELLS

SAXIFRAGA FAMILY. These charming plants are easily raised from seed; sown in the fall under glass, they will bloom the following season; sown in spring, they will not bloom until the following year. They make a charming rock plant, grow well in the shade, and will make a very effective border plant in

HYBRID MIXTURE. Flowers in rich scarlet, pink and pale rose. Per pkt. 15c; 1/16 oz. 75c. Seeds are very small and care must be exercised in sowing them. SANGUINEA SPLENDENS. Brilliant dark crimson, very beautiful; dwarf. Per pkt. 25c; 1/16 oz. 75c.

#### HOLLYHOCKS—ALTHAEA (Family: Malvaceae)

NEWPORK PINK. Awarded a Certificate of Merit by the Royal Horticultural Society of England. It is the finest pure pink, double variety, exquisite in shade, flowers very double. Per 1/4 oz. 50c; 2 pkts. 25c; pkt. 15c.

YELLOW. A fine double, pure yellow. Per 1/4 oz. 50c; 2 pkt. 25c; pkt. 15c. ENGLISH PRIZE HOLLYHOCK MIXTURE (Charter's Strain-Extra). 1/8 oz. 40c; 3 pkts. 25c; per pkt. 10c.

#### FINEST SELECTED JAPANESE IRIS SEEDS

New seeds are not obtainable until October. Per pkt. 25c; ½ oz. 35c; ½ oz. 60c.

#### ANNUAL LARKSPURS

(Advantageously sown in the late fall)

One of the best and also one of the oldest garden plants for summer flowering is the annual Delphinium, or Larkspur, as it is more commonly called. It is so simple to grow that it calls for little comment. These handsome subjects are widely grown and fully deserving of a permanent place in every garden. If planted at the back of herbaceous borders or in front of shrubberies and similar places they are most effective and are also extremely valuable for supplying cut flowers for decoration of dwelling homes.

We are referring to the varieties which grow about three feet high, and the two best we have in mind at the moment are the deep blue and rosy scarlet. They are most effective if grouped together and are bound to command admiration.

#### NEW ANNUAL LARKSPUR—UPRIGHT OR DELPHINIUM TYPE

Not to be confused with the perennial Delphinium, which is quite a different thing. These annual Larkspurs produce fine spikes, most graceful and attractive. They grow from 2 to 3 feet high. The tall stock-flowered are the finest varieties for beds and for cutting. Sow them in the fall.

SKY BLUE.  $\frac{1}{8}$  oz. 25c; pkt. 10c.

LA FRANCE. A beautiful shade of salmon pink. 1/8 oz. 35c; pkt. 15c; 2 pkts. 25c. ROSY SCARLET (New). A wonderful color in Larkspurs. Pkt. 15c; 2 pkts. 25c. MIXED. All the best colors. 1/4 oz. 40c; pkt. 10c; 3 pkts. 25c.

MISS CALIFORNIA (New).  $\frac{1}{8}$  oz. 25c; pkt. 15c.

CARMINE KING. The first of the deep carmine shades in the new upright type of Larkspur. 1/8 oz. 25c; pkt. 15c.

WHITE SPIRE. Dazzling pure white. This variety is twice as white as any other white Larkspur. Pkt. 15c; 1/8 oz. 25c.

A very rich deep pink on a salmon ground.

BLUE SPIRE. An intense deep Oxford blue. Pkt. 15c; 1/8 oz. 25c.

#### PUDOR'S PUGET SOUND LUPINE STRAIN

These are always the wonder and admiration of the garden visitors during May and June. Colors and shades are simply marvelous and are getting finer every season. Many varieties are becoming sweet-scented like the locust blossoms. Having grown for several years the three best English strains—Harkins', Elliott's and Downers'—we have now evolved out of these three strains, through careful selection and hybridizing, our own private strain, which in many respects surpasses the original strains; rare colors and the most beautiful and rarest color combinations that were never found in the original strains.

A SUPER PINK MIXTURE. We have made up a carefully selected mixture from all our finest pink shades. It should prove a winner. Pkt., 25c. You won't get all plants like the mother plant, but you will get some, and in addition

undoubtedly some other wonderful pinks and other shades.

### PUDOR'S PUGET SOUND LUPINE STRAIN — Continued

L. APRICOT. Very beautiful and rare shades, sometimes almost bronze effects. Seedlings will vary considerably as apricot shades are hard to get. 1/8 oz. 50c;

BLUE BEAUTY. Beautiful shades of blue. 1/4 oz. 40c; per pkt. 15c.

RICH ROYAL PURPLE. A very beautiful color. Per pkt. 25c.

A SPLENDID MIXTURE of all the most desirable colors. Pkt., 15c; 2 Pkts., 25c. NEW MODERN NAMED ENGLISH VARIETIES. Highest award of merit from the Royal Horticultural Society. Marvelous shades of amber, deep rosy-pink, orange, apricot, terra-cotta, ruby, crimson, rosy reds. Our seedling bed this year was a revelation to us. We never thought that lupines could be so beautiful and the blossoms so large. If you live in a section where lupine thrive, don't fail to grow some of these plants next year. They will be a sensation to you and your friends. Nearly all are sweet scented like a locust. SEEDS IN FINEST MIXTURE (not in separate colors): 1/8 oz. 50c; per pkt. 35c.

TREE LUPINES (Arboreus). YELLOW; SWEET SCENTED. Height up to 5 ft.

Comes true from seed. Per pkt. 15c.

#### LILIUM REGALE SEED

A new and wonderful Lily which is raised easily from seed. If the seed is sown in spring under glass and the plants bedded out, a few will actually bloom in the autumn, and all will bloom the next year. The flowers are white, suffused yellow, with brown shading. The flowers are as large as Auratum, and the plants are about three feet high. May be sown in frames or in the open ground. It is a perfectly hardy lily. Per pkt. 15c; ¼ oz. 50c; 1 oz. \$1.50.

LILIUM TENUIFOLIUM. The Coral Lily. A pretty, dwarf, early blooming sort, carrying many waxen recurved flowers of most intense coral scarlet.

Excellent material for rock garden planting and valuable likewise for bedding or clump planting in the hardy border. Forces well. A native of Siberia. Usually blooms in one year from seed. Pkt. 25c; special pkt. 60c; ¼ oz. \$1.00.

#### MECONOPSIS — POPPY - WORT

CAMBRICA. The pretty Welsh Poppy. Beautiful orange-yellow flowers in abundance for many weeks. Easy from seeds. Per pkt. 15c; 2 for 25c.

#### MYOSOTIS—FORGET-ME-NOT

No garden should be without this lovely, loveable thing; whether you use it as a border plant, for a ground cover over your tulips or on the border of your brook or pool (where it is most at home) anywhere it is a joy. Did you ever fill a shallow bowl with the cut flowers (cut it while still in bud). It makes a lovely decoration, and buy using it with Lilies of the Valley, you will have a bouquet of exquisite, dainty loveliness. By the way, every garden should contain a few clumps of Lilies of the Valley, also.

The following two varieties are the best for garden use. Plants bloom the same season from seed. Renew your plants every season, or they will self sow. SUTTON'S ROYAL BLUE. Very early, free flowering, deep indigo blue, from

special selected stock.

M. PALUSTRIS. The true German swamp Forget-Me-Not. Blooms all summer long, covered with lovely sky-blue flowers; creeping-upright growth; seeds itself freely.

ALPESTRIS, "Messidor." Blue eyes, a beautiful deep blue.
All the above varieties: Per pkt., 15c; 2 for 25c; or in bulk: 1/8 oz., 50c; 1/4 oz., 75c.
DISSITIFLORA, Grandiflora. "Perfection" blue. A large flowered, early strain. The most valuable to form a groundwork for your spring bulbs. Height 9 ins. This variety, per pkt., 25c; 1/16 oz., 60c; 1/8 oz., \$1.00.

#### PYRETHRUM—PERSIAN DAISY

A very handsome, hardy perennial, double and single flowers in lovely bright colors of deep red, carmine, shades of pink and pure white; an excellent cut flower; pretty fern-like foliage. Mixed seeds from single varieties. 1/8 oz. 50c; per pkt. 15c; 2 for 25c. From choice mixed double varieties (mostly desirable pink shades), 1/8 oz. \$1.50; per pkt. 25c.

Note: Often the first season flowers will appear single and thereafter produce beautiful double flowers. Transplant and divide every second year in the spring.

#### PAPAVER—POPPY

Gorgeous, stately, beautiful perennials of rich, satiny texture, borne upon three-foot stems. Should be planted and divided in August, as they make a very early fall growth.

ORIENTALE (Mrs. Perry). Immense flowers of beautiful soft salmon-pink shades. Seeds which will give a beautiful range of pink shades, with some

crimson rogues. Per pkt. 15c; 2 for 25c.

ALPINUM. Lovely dwarf rock plants in pink, white and yellow mixture. Pkt. 25c. ORIENTALE. "Queen Alexandra." Bright rosy-salmon. Lovely. Per pkt. 15c.

ORIENTALE. "Mrs. John Harkness." Orange-apricot. Very fine. Per pkt. 15c. ORIENTALE. "Rembrandt." Magnificent orange-scarlet. Most gorgeous of all.

Seed per pkt. 15c.

ORIENTALE. "Excelsior Mixed." A very fine mixture ranging from delicate salmon to deep crimson and many other shades not known heretofore. 1/16 oz.

25c; per pkt. 15c.

PAPAVER NUDICAULE. "Fakenham Hybrid" (Iceland Poppy). Variety from Thibet crossed with Sunbeam and Coonara. This poppy is quite distinct from other Icelands. It is perpetual blooming and stands wind without blowing over. Many new shades of color, including Pale Lemon to Deep Yellow Apricot. Pink shades and mauve tints, etc. Extra selected stock. Per pkt. 15c.

All the Iceland Poppies may be treated as annuals. They transplant well. Put

them a foot apart—NOT CLOSER.

PAPAVER NUDICAULE COONARA. Stark's stock. We have selected this stock very carefully and offer seed that only throws Pink Art Shades. The stem also is much straighter and stronger than when we first grew this variety. Special selected stock. Pkt. 25c.

#### PANSY

You can't grow super-pansies from cheap seed; finest seed costs money. In order to grow the finest and earliest blooming plants you must sow the seed early in the fall, as soon as obtainable, in cold frames, and raise strong, husky seedlings before freezing weather, and then, oh joy! in the spring, what plants you will have. Of course, you can also sow in the spring. To our mind the finest pansy strain comes from Quedlinburg, Germany: Mette's Triumph of the Giants; Simply gems in size and color. Anyone growing these pansies will declare them to be the most perfect and wonderful pansies they have ever seen. Per pkt. of about 200 seeds (not counted) 35c; 1/16 oz. 90c.

GIANT ODIER. Five spotted Golden-Yellow. Flowers extra large, perfectly round and exceedingly attractive. The most beautiful of all yellow pansies. 1/16 oz. 60c; per pack 25c.

# GIANT SWISS ROGGLI'S PANSIES The World's Most Brilliant Pansy Strain

ROGGLI'S GIANT PANSIES surpass all Giant Pansies known up till now and have been much admired on exhibitions where shown and where they gained many first prizes. This pansy strain produces flowers of enormous size—4 to 5 inches—on long vigorous stems which gracefully surmount the healthy foliage. We offer them in the following SEPARATE colors, as well as in mixture.

ROGGLI'S GIANTS "THUNER SEA BLUE." By far the largest and most mag-

nificent of all blue Giant pansies.

ROGGLI'S NOVELTY "BERNA." Bright dark violet of velvety texture of enchanting beauty. Giant flowers 4 to 5 inches in diameter with strong, long stems.

Seeds of any of the above novelties: Per pkt. of about 200 seeds 50c; ½ pack 30c; 1/16 oz. \$1.00.

ROGGLI'S GIANTS MIXTURE containing all of the above as well as a number of other unusual varieties. 1/16 oz. 75c; per pkt. 35c.

#### STATICE—SEA LAVENDER—PINK BABY'S BREATH

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute lavender flowers, which can be dried and used for winter bouquets.

LATIFOLIA. Lavender-blue flowers. Per pkt. 15c; 2 for 25c.

## PERENNIAL SCABIOSA—PINCUSHION FLOWER

S. CAUCASICA (Isaac House's New Hybrids). Hardy perennial; soft lavender blue and lilac shades, prized for cutting; 12 to 18 inches. Per pkt. 15c; two for 25c; 1/16 oz. 40c; 1/8 oz. 75c.

SCABIOSÁ CAUCASIÁ. Avoid wet and heavy soil when planting these perennials, so useful for cutting purposes. Soil of a gritty nature suits them best,

as excessive moisture at the roots is fatal.

If you don't grow this Scabiosa you are missing a mighty fine thing. Seed germinates readily. Plants bloom when only small seedlings. Very handsome flowers on long stems, blooming from early summer until frost time. A 2 or 3-year-old clump is a wonderous sight.

#### SWEET ROCKET—HESPERIS

The old-fashioned Dame's Violet. A hardy perennial, easily raised from seed, blooms the following spring in May with the Iris and Aquilegia. Height, 3 to 5 feet. Very fragrant. No garden should be without it. A lovely, graceful cut flower. If you sell cut flowers on Decoration Day, you will find the long, loose sprays a valuable acquisition.

WHITE SWEET ROCKET. Per pkt. 15c; 2 pkts. 25c; 1/4 oz. 25c.

PUDOR'S PINK SWEET ROCKET. After many years of selecting and re-selecting, we have succeeded in establishing a fine orchid pink variety in place of the old purple variety. Seed, per pkt. 25c.

# TROLLIUS LEDEBOURI "GOLDEN QUEEN" GLOBE FLOWER

Award of Merit, Royal Horticultural Society, London

We offer again seed of this beautiful hardy perennial plant. It is a valuable garden plant and continues in bloom from June till October; in fact, we cut

flowers outside as late as November.

This variety is very vigorous; it grows quite three feet in height, but its chief value lies in the size of the flowers, which are four inches across; the rich golden color of the outer petals and the intense orange color of the smaller petals near the center of the flower intermix and blend beautifully with the yellow anthers. The plant is extremely floriferous and continues in flower for a long period; in fact, the constantcy with which it blooms in autumn as well as early summer is very remarkable. It comes practically true to type from seed.

Most Trollius are rather uncertain to raise from seed when sown in the spring, but one of the great recommendations this introduction has is that the seed germinates freely when sown in the spring. We tested this point very fully by three successive sowings in March, April and May, when practically every seed germinated. Blooms same year if sown early. Seed, pkt. 25c; 1/16 oz. \$1.00.

EUROPEAN GLOBE FLOWER. Large, handsome globular flowers of a rich golden yellow or orange color. (See photo, inside cover.) Blooms last of May and early June. Growth rather slow, but when once established, a three-year-old clump is a magnificent sight. Only fresh, fall-sown seed will insure success. Seed bed exposed to frosts and snow might help. Spring sown seed, unless

#### TROLLIUS LEDEBOURI — Continued

soaked in hot water for a few seconds, might lay dormant for a whole year. We had splendid success with seed sown last fall in flats; looked like a 100% germination; seedlings showed up in February and were transplanted in May. Our own Seed per pkt. 25c. Strong one-year-old plants that will bloom pro-

fusely in 1935, 40c each, post paid, either fall or next spring.

T. PUMILUS YUNNANENSIS. Golden, dwarf, for border and rockery. Height 10 inches. A beautiful and rare treasure for the rockery. Seed ready in late fall. Germinates well like the above if sown in the late fall as soon as avail-

able. Imported seeds, per pkt. 25c.

#### R. VIOLAS—Violet Family

Treat these same as pansy seed; either sow in late summer, for early spring bloom, or sow in early spring for summer blooming; Pkt.

R. Viola Sutton's Apricot. A charming and unusual apricot-orange color. Comes about 80% true from seed. A very distinct and beautiful variety.

1/16 oz. 60c; 1/8 oz. \$1.00; 2 pkts. 25c.... .15 Viola "Yellow Queen." A beautiful clear yellow of good habit; very sweetly scented. Per pkt. .25

Viola Jersey Jewel (New). Deep violet color, large blossoms and long stems .15 A Splendid Mixture. We will make up a mixture of all of the above 1/16 oz.

35c; 2 pkts. 25c; per pkt..... .15 VIOLA ARKWRIGHT RUBY. Novelty. One of the most distinct of all the bedding Pansies or Violas. The flowers are borne in great profusion. Delightful

rich ruby-red flowers. Seeds will always be scarce as the plants are very shy seeders.  $\frac{1}{2}$  pkt. 25c; per pkt. 40c.

VIOLA "PRIMROSE PERFECTION." A large flowered "primrose" Viola of beautiful formation and the habit of the plant is dwarf and compact; this variety is so floriferous that the foliage is almost hidden. Primrose Perfection may be relied upon to come true to color from seed. Seed 1/16 oz. 35c; pkt. 15c.

#### RARE OR UNUSUAL "SEEDS"

The new SCARLET GEM and HYBRID GEM NASTURTIUM—See page 38. DELPHINIUMS from our "Mother of Pearl" and fine Double White Hybrids.
GALLIARDIA "BURGUNDY." A glorious deep red color. Price 20c.
TROLLIUS or GLOBE FLOWER, "Golden Queen." A tall glorious deep orange

color. Blooms later than the European specie and again during the fall. Easy from seed. Description see page 17.

GEUM "BORISII" single dwarf and "Fireopal" tall. See page 12. CAMPANULA "ROTUNDIFOLIA OLYMPICA." A delightful harebell of a deep lavender blue; 8 inches high; a hardy perennial. 25c.
DIANTHUS ALLWOODII "ALPINUS." Delightful hardy pinks for the rock

garden. Only 6 inches high in beautiful colors. Per pkt. 25c.

DIANTHUS "WINTERI." The queen of all hardy, sweet scented garden pinks. Most delightful shades and combinations of shades. Highly recommended. Per pkt. 20c.

LINUM (Perennial Flax) FLAVUM COMPACTUM NANUM. A very fine novelty for the border or rockery. Glowing golden yellow flowers with deep green foliage. Blooms all summer. Height 6 inches. 25c per pack.

THE NEW RACE OF ENGLISH HYBRID LUPINS, described on page 15. Don't miss these!

#### ANNUAL FLOWER SEED FOR FALL SOWING

Few know many of our prettiest and best known annuals may be sown in the fall; in fact some varieties, like the annual Larkspur, are much better treated in this way. The principle is the one Nature uses. Seed dropped from parent plant will lie dormant in the soil until in the early spring, when it germinates and begins a root system long before one can get in the ground to sow seed. Consequently the flowering season is prolonged by the earlier blooming. Ground should be prepared and seed sown just previous to the late heavy frosts.

The fall-sown plants, as a rule, are much sturdier and better established on

the blooming date than those started indoors.

Another advantage of fall sowing is that it relieves pressure in the springtime. Care should be taken not to sow too early, as the seed will germinate and the plants winter kill.

## ANNUAL SEEDS FOR THE LATE FALL PLANTING

CALENDULA. Ball's Gold or Orange. 1/2 oz. 40c; 3 pkts. for 25c; per pkt. 10c. CALENDULA DOUBLE ART SHADES (Novelty from England). Art shades contain many tones and shades not previously obtainable—delicate apricots,

beautiful picotees, orange shades, creams, buffs and deep orange. Per pkt. 25c.

- CALENDULA CHRYSANTHA. Very fine novelty. Never been offered before. Remarkable for its great length of stem and the most striking resemblance the flower bears to a Chrysanthemum. The color is a clear buttercup yellow. See photograph on the inside of the back cover. Per pkt. 25c.
- CALENDULA RADIO. Orange "quilled" flowers of exquisite form. An ideal cut flower and border plant. 1/2 oz. 50c; 3 pkts. 25c; per pkt. 15c.
- CALENDULA CAMPFIRE. Deep orange with a scarlet sheen. 1/4 oz. 25c; per pkt. 10c.
- CANDYTUFT. Giant white Hyacinth, flowered. Rose cardinal, best red. Finest mixed. Per pkt. 10c; ½ oz. 25c; ½ oz. 35c.
- CLARKIA. Ruby King, Salmon Queen (pink), Scarlet Queen, Enchantress (novelty)—the finest salmon-pink, very double; Firebrand (novelty)—a vivid copper scarlet. Best mixture. Per pkt. 10c; 3 for 25c; 1/4 oz. 35c.
- ESCHSCHOLTZIA or CALIFORNIA POPPY. In most wonderful colors. Rosy carmine. Orange Crimson, Intense Scarlet, Flame Color, Golden Bronze. Double Deep Butter-Yellow. Or in mixture. Priced on page 12.
- GODETIA. Crimson Glow, Carmine Rose, or in mixture. Per pkt. 10c; 1/8 oz. 25c.
- LARKSPUR. (See page 14.) White Spire, Pink, Rosy-Scarlet, Deep Carmine-Rose Blue, or in mixture. Per pkt. 10c; 3 for 25c; 1/8 oz. 25c; 1/4 oz., 40c;  $\frac{1}{2}$  oz. 75c.
- LIMNANTHES DOUGLASI. The lovely California Cream-Cup; pure white with a yellow cup; 3 inches. A charming plant for the Alpine Garden. Per pkt. 15c; 2 for 25c.
- NEMOPHILA. Baby's Blue Eye or in mixture. Per pkt. 10c; 3 for 25c; 1/4 oz. 30c;  $\frac{1}{2}$  oz. 50c.
- PANSY. Described and priced on page 16. Start your pansy seed in July and August, winter the plants in a cold frame; result, big husky plants to set out in early spring.
- POPPY. Annuals. Shirely mixture. Per pkt. 10c; 3 for 25c; 1/8 oz. 35c. New English Double Art Shades. Per pkt. 15c; 2 for 25c; ½ oz. 50c. Giant Double Cardinal (salmon pink), height 2 feet. Per pkt, 10c; 3 for 25c.

#### WHY ALWAYS BLAME THE SEED?

After you have sown your annual, perennial, and vegetable seeds, remember that the critical times in their lives is just after the seed has germinated. If the surface of the soil is dry, the tiny plantlets will die unless they are supplied with water. The amateur is inclined to blame the seedman and say the seeds were not good and would not germinate. Of course, this is seldom true, for reliable seedsmen test their seeds, and when we give them ideal conditions for growth, they do germinate no matter what we think. The common error is to think the seeds have not germinated, whereas, in reality, they started to grow, but the surface of the soil was too dry for them and hence their tiny rootlets perished before they reached the moist layers of soil beneath.

Cover your seed beds with a newspaper or a cloth until the seeds have germinated and the little roots have reached the moist layers of soil.—From "Better

Homes and Gardens."

The lesson brought home by the great losses of seedlings in open ground seed beds is that seeds of choice plants should be sown in boxes or frames where they can be kept under control as to moisture and shade without difficulty. This is the only certain way to save the plants, as the most favored positions for seed beds in the open ground have serious losses.

#### PLEASE DO NOTE!

As only such seeds as germinate well in our own establishment are supplied to customers, we will not and cannot accept responsibility for failure in the hands of others whose management, lack of equipment or lack of knowledge, may unconsciously be the cause of non-success.

# Plant Perennials in the Fall

#### By Amy Hore

September is the best month of the year in which to plant perennials, and October is the next best. If they become well established before winter, they will be all ready to start into growth the first thing in the spring, and you will have better plants and earlier and larger flowers than if you wait until spring to move them. Moving plants always checks them more or less, and in the spring they have not time to fully recover before they need all their strength for blooming. This is especially true of those that start into growth very early, such as Pyrethrum, Columbine, Viola, Lupines and Delphiniums.

You will have no trouble in keeping them over winter provided your beds are well drained. Poor drainage is responsible for most of the winter killing of

plants. Cold will not hurt them, but wet soil in the winter is fatal.

If you want your perennials to do well, prepare a good bed for them. The most important thing (much more important than rich soil) is to dig deep—at least 18 inches by actual measurement and as much deeper as you have patience for. Fertilize with well-rotted manure if you have it. If you can't get it, use bone-meal or sheep manure and plenty of humus. Never use fresh manure. And be sure that whatever fertilizer you use is well mixed with the soil.

After the ground is frozen, which is usually not until December, cover the beds two or three inches deep with oak leaves or salt hay (the best of all) to

prevent the ground alternately thawing and freezing.

# PUT A PARASOL OVER YOUR PLANTS DURING THE COLD WINTER MONTHS — NOT AN OVERCOAT!

Experience has taught the gardener that protection is best given after ground is frozen and the plants are completely at rest. He has found that autumn leaves placed over his favorite perennials are soon matted tightly over them and that the leaves ferment early in spring, often injuring the plants by starting them from their sleep too early. The best way to protect the plants is first to place branches of trees or garden trash, such as corn fodder, over the beds; then the leaves may safely be used, for they cannot pack down into an air-tight covering.

As someone well said: "The protection for winter should be more like a parasol than an overcoat," because winter injury is caused either by alternate freezing and thawing in spring, due to no protection; or by too early growth in spring, resulting from the heat generated by thick coverings of fermenting

leaves. Protection is not needed to prevent freezing.

#### SUCCESS WITH PERENNIALS

1. Prepare soil deeply, thoroughly. A perennial bed must remain for some years.
2. Use plenty of fertilizer. A complete fertilizer or bone meal will result in

strong plants and abundant flowers.

3. Arrange plants so they are suited to space allotted; put tallest ones at back, using such sorts as may be depended upon for a good foliage background. Let some of taller sorts extend toward front, especially in wider parts of bed or border. This avoids monotony and gives interest. Provide for choice edging plants which are compact in growth.

4. Select plants which produce an abundance of bloom throughout a long season for the main stand-bys of the border. Tuck a few choice or lesser known

sorts in the spaces between the dependables.

5. Choose colors with care. Avoid close association of different reds, combining scarlets, oranges and salmons together, but not near crimsons, magentas and lavender-rose colors. Use white flowers to separate doubtful colors; but do not use white too abundantly.

6. Be sure to buy Bordeaux Mixture in March, so you are prepared to start spraying Peonies, Phlox, Hollyhocks and Delphiniums early. Spray plants and soil as soon as growing starts; repeat weekly. Use according to directions on can.

7. Have arsenate of lead and nicotine extract on hand. Use spray or dust of arsenate of lead for all insects or caterpillars which chew holes in leaves. Use nicotine sulphate or tobacco extract for various plant lice, aphids or other sucking mouth-part insects. With latter class it is necessary to hit insects with spray.

8. Cultivate the soil between the plants so that there is a constant layer of loose soil about them. This will help to eliminate the need for watering perennials.

9. Transplant each sort when it becomes greatly crowded, or seems to be illadapted to the location. Most sorts can be divided into several pieces to increase the number of plants.

## DO NOT OVERLOOK THIS NOTICE!

Owing to the expense of digging plants, wrapping them and mailing them, we cannot accept orders for plants for an amount less than \$1.00 and then they must be sent altogether. IF YOU ORDER LESS THAN \$1.00 in plants, add 25c extra for handling charges. Don't fail to do so, or your money will be returned.

NOTICE: Seedlings should be put in cold frames during the winter months or otherwise protected from being thrown out by alternating freezing and thaw-

ing.

OUR GUARANTEE. We will send you only strong, healthy stock, well packed, and good-sized clumps, but we absolutely will not guarantee that the stock will live in your garden or that you won't lose them. This refers both to clumps and seedlings.

We will send the stock, if on hand, exactly when you say. Please don't leave it to us, saying: "Send to suit our climate." We know nothing about your climatic

and local conditions.

Please, do not order plants or bulbs you do not find listed in this catalog. ALL SEEDLINGS WILL BE DELIVERED AS EARLY IN SEPTEMBER AS PRACTICABLE, AND TO MILDER SECTIONS DURING OCTOBER AND NOVEMBER (NOT LATER) AND AGAIN FROM FEBRUARY ON UP TO MAY 1ST.

# PARCEL POST OR EXPRESS SHIPMENTS—WHICH SHALL IT BE? IT IS UP TO YOU.

We strongly advise that all plants should be sent by express. Each package is handled separately and is always exposed to the air, while Parcel Post packages are stuffed in air-tight canvas bags and often kept for half a day and a night in over-heated post offices and mail cars. How can you expect plants to reach you in prime condition under such treatment? Why not pay a little extra and save worry, loss and disappointment?

AND ANOTHER ADVANTAGE TO YOU—Since we save a little on Express shipments on which you pay the charges, we gladly add an extra plant or two, and in SOME CASES, can send you larger clumps, the sending of which is pro-

hibitive by Parcel Post, owing to the charges into distant zones.

If you want your plants sent by mail, post paid, always add 10% of your plant order for postage. In other words: if your plant order comes to \$2.00, add 20c; if to \$5.50, add 55c; and if it amounts to less than \$1.00, add 25c for handling charges. PLEASE BEAR IN MIND THAT IN EVERY CASE WHERE THE 10% PARCEL POST CHARGE IS NOT REMITTED, PLANTS WILL BE SENT BY EXPRESS, CHARGES COLLECT, except where plants are quoted postage prepaid.

# BUY YOUR PERENNIAL SEEDLINGS THIS FALL — ENJOY THEIR BLOOMS IN YOUR GARDEN NEXT YEAR

The Cost is a Trifle—The Quality Is High—The Satisfaction So Much!

NOTICE TO THOSE WHO DO NOT KNOW THE CHARACTERISTICS OF HYBRID DELPHINIUMS: Only a percentage of 50 to 60% (depending upon the variety) will come true to the parent plant. The rest may be even finer than the parent plant. Keep this in your mind when you are tempted to buy cheap Delphinium plants or cheap seeds from Tom, Dick or Harry. You CANNOT raise fine Delphiniums from poor, inferior seeds, and fine, pedigreed seeds cost money (this same applies to Pansy seed) and plants grown from it, necessarily cost more money than just ordinary stock.

These seedlings, grown in the field, from our choicest seeds. None better. Can be sent to any part of the United States during the fall months and early spring. Upon arrival either plant them in a cold frame, wintering them there, or plant right outside into a permanent place. (Drainage must be good during the winter.) Mulch them during the winter with evergreen bows (not straw) or

dead leaves if you live in a cold climate.

DELPHINIUM SEEDLINGS: Not less than One Dozen sold of any Variety.

From PUDOR'S PEDIGREED PRIZE WINNER STRAIN. 75c per doz.; 3 doz.

for \$2.00 post paid.

PUDOR'S DREAM. Seeds only this year.

DELPHINIUM SEEDLINGS. Parent plant "Our Mother of Pearl 55/66." Giving those marvelous blues and whites, as described on page 11. \$1.50 per doz.

#### SEEDLINGS—Continued

DELPHINIUM SEEDLINGS. Parent plants: "Blue Blooming Seedlings First Generation of 55/66." \$1.00 per doz.

DELPHINIUM SEEDLINGS. Parent plants: "White Blooming Seedlings First

Generation of 55/66." \$1.25 per doz.

WHITE DELPHINIUM SEEDLINGS, grown from our best white seed. There will be a few blues among these, but these will be extraordinary, perhaps you will be lucky and get one of those "Mother of Pearl" colors. The supply of these seedlings is not very large. Orders will be filled in rotation as long as plants last. One Dollar the dozen; three dozen for \$2.50. Post paid. If wanted by "special handling," which means the same as first class mail and quicker delivery, add ten cents, please.

From England's Famous "BLACKMORE & LANGDON"-Novelties. 75c per

doz.; 3 doz. for \$2.00, post paid.

Seedlings—Mother Plant: "NORA FERGUSON." A pale blue shaded soft pink, semi-double. A lovely English variety. 75c per doz.; 3 doz. for \$2.00, post paid. BELLA DONNA "CLIVEDEN BEAUTY." 40c per doz.; 3 doz. for \$1.00.

BELLA DONNA "CLIVEDEN BEAUTY." 40c per doz.; 3 doz. for \$1.00. BELLA DONNA "FANNY STORMOUTH." 40c per doz.; 3 doz. for \$1.00.

BELLA DONNA "BELLAMOSUM." Deep rich blue. Very handsome. Seedlings 40c per doz.

PYRETHRUM—From Double Varieties. 75c per doz.; 3 doz. for \$2.00.

THALICTRUM DIPTEROCARPUM. Meadowrue. Graceful border plants, 4 to 5 ft. high with fern-like foliage and rose purple and yellow flowers. One of the finest hardy border plants. This plant appears very late in the spring. Be sure and mark its place as often the gardener destroys the dormant plants with his hoe and spade. Seedling plants 75c per doz.; larger plants in the spring \$1.50 per doz.

GYPSOPHILA PACIFICA. The new PINK Baby's Breath in habit like the old fashioned white Baby's Breath but in pink. This is a rapid sturdy grower. Plant in well limed, well drained soil. Seedlings, 6 for 50c, post paid. Larger

plants 3 for 50c, post paid.

AQUILEGIA DOBBIE'S LONGEST SPURRED IMPERIAL HYBRID COLUMBINES. In wonderful pastel colors in mixture. Per doz., 50c. Seedlings are

naturally small of the Columbines, but all will bloom next year.

AQUILEGIA BLUE ROCKY MOUNTAIN. The finest Columbine extant, grown only from genuine Rocky Mountain seeds. 75c per doz.; 3 doz. for \$2.00. All will bloom next season. Larger plants \$1.50 and \$2.50 per doz., post paid. Large specimen clumps 50c each post paid, or 40c by express, charges collect.

AQUILEGIA—Mrs. Scott Elliot's Strain (pure). Seedlings 40c per doz.; \$3 per 100. SCABIOSA CAUCASICA HOUSE'S STRAIN. If you have never grown the charming perennial Scabiosa, you have certainly missed a lovely garden flower. Blooms when quite small in lovely shades of blue on long stems. An excellent cut flower. Seedlings 75c per dozen, post paid. Larger plants 15c

and 25c each; \$1.50 and \$2.50 per dozen.

LUPINS POLYPHYLLUS. New modern named English varieties. Blossoms are about twice the size of the older varieties and the colors marvelous, of shades never seen heretofore. This is your first opportunity to obtain these plants in this country. Seedlings \$1.00 per 15; larger \$1.50 for 15. Next spring we will have fairly sized clumps of this new race of Lupins at 40c each, or \$4.00 per dozen, by express, charges collect. Nearly all the plants are very sweetly scented. By all means try some seed or plants of this new race.

LUPINS. Older varieties from a fine mixture of pink and apricot seeds, 50c per doz.; larger, 75c per doz. Lupines are hardy anywhere, but the first winter they should be set in a cold frame in very cold climates. In more temperate

climates they can be left outside (speaking of seedlings).

#### LARGER ADVANCED SEEDLINGS

We can supply larger seedlings of any of the above described plants—either this fall or early next spring—at \$1.50 per doz., with the exception of the White Delphiniums, which will be \$2.50 per doz. for the larger plants instead of \$1.50 for 15 as quoted.

Please, always name one or two substitutes, as we might be sold out of

some of the varieties at the time your order reaches us.

PLEASE READ: The above prices include postage charges paid to your door. We cannot fill orders for less than one dozen of a kind, hence please don't cause trouble by ordering three or six plants of this or that variety or kind.

LARGER ADVANCED DELPHINIUM PLANTS

Best Sent by Express Where Each Package is Handled Individually-Not Stuffed in Canvas Bags

THIS IS THE BEST SIZE TO PLANT; they have already bloomed in our field this summer and will make fine clumps for next year, blooming abundantly next summer. All are of our PRIZE WINNER STRAIN. DELIVERY IN SEP-TEMBER and OCTOBER. Price 50c and 75c each, post paid, or \$5.00 and \$7.50 per dozen by express, charges collect.

SPECIAL CHOICE PLANTS \$1.00, \$1.50 and \$2.50 each. The finer they are the more they cost. It is not so much a matter of size here—Quality counts. Give

your preference in colors.

For sale again in February and March, but this size cannot be shipped from our climate later than March 15th. If you cannot plant by that time, you will have to buy small seedlings for April delivery at 60c and 75c per doz. These will bloom a little in the fall—not in July.

### ANCHUSA MYOSOTIDIFLORA (The Forget-Me-Not Anchusa)

A charming plant with the exquisite blue flowers of Forget-Me-Nots and large heart-shaped basal leaves. A clump of this beautiful plant is about a foot high, as much across, and a more beautiful subject for the cool rock garden or the border is not easy to find. Divided plants, 35c, by Parcel Post; larger, each 50c, by express, charges collect, \$5.00 per dozen, and smaller clumps \$2.50 per dozen.

I should like to suggest to "An Amateur of Hardy Flowers" that the reason he fails with Anchusa myosotidiflora is that he plants it in ordinary, perhaps rich, garden soil. I put one or two in the herbaceous border, but quickly took them out, as they were practically all leaf. Now I grow quantities in the wilder part of the rock garden. In sandy, dry, poor, very poor, soil, and there the leaves are small, the flowers stand up high above them in sheets of blue, and they last for weeks. They are universally admired. A sloping bank of them with Dielytra formosa below and Grape Hyacinths among the latter forms a charming picture. -N. S. C. (In Garden Illustrated).

DIELYTRA SPECTABILIS (Bleeding Heart)

BIG CLUMPS, 60c each for September and October delivery; have to be sent by express. Smaller, 40c by mail. Can also be planted in very early spring, but not after March 15.

#### DICTAMNUS — GAS PLANT

One of the choicest and most valuable of perennials. The flower of Dictamnus resembles an immense Dutch Hyacinth. Blooms in May, when lovers of flowers are hunting new and out of the ordinary plants for their gardens.

Dictamnus is valuable because beautiful, in bloom early and because it never

winter-kills. The average life of Dictamnus is 100 years.

Grows about 2 to 21/2 feet high, bearing lemon-scented hyacinth-shaped flowers during May and June, with rich durable foliage. Crushing the latter creates some sort of a gas, which can be lighted with a match.

TWO COLORS, White and Rosy Red. You will love this plant. Two-year-old

field grown clumps of either color, 50c each, post paid.

### GYPSOPHILA—Baby's Breath

Does well in rather dry places, and likes lime.

ACUTIFOLIA. Pretty and useful specie. Delicate lilac-rose or mauve (pink?)

flowers. Height 1 foot. Per plant, 25c.

BRISTOL FAIRY. A double Gypsophila of great vigor, producing large panicles of double pure white flowers and blooming throughout the summer, if the old spent flower panicles are kept cut. Mammoth roots 75c, post paid; 60c by express, charges collect.

PACIFICA. New. A lovely tall rosy-pink Baby's Breath; height up to 4½ ft. Seedlings this fall or next spring. 6 for 50c, post paid; larger plants, 3 for 50c,

post paid.

**PYRETHRUMS** 

The lovely Persian or Painted Daisy. No garden should be without a few clumps. They are vigorous growers. Advanced transplanted seedlings, \$1.50 per doz. Clumps in assorted colors, 35c each, post paid; extra good double pink shades 50c a clump.

#### THYMUS (Thyme)

The charming Mountain Thymes make a perfect, close, fragrant carpet on hot, dry, sunny banks where grass is difficult to establish. They are a sheet of blossom in June and July. Excellent for carpeting patches of spring - flowering bulbs.

CITRIODORUS. The golden yellow form of the well known "Lemon Thyme."

25c per clump; 3 for 60c.

SERPYLLUM ALBUM (White Mountain Thyme). Forms dense mats of dark green foliage and clouds of white flowers. 3 to 4 in. June-July. 25c each, 3 for 60c.

SERPYLLUM COCCINEUM. Plants become completely covered with brilliant crimson-scarlet flowers. This is the finest—a gem. 25c each; 3 for 60c.

#### VIOLAS—Violet Family (N. O. Violaceae)

The Viola is a very popular flower for bedding purposes; being practically hardy in character, they are easily cultivated, and when planted in bold groups or masses of distinct color give splendid effect, in many cases lasting throughout the entire summer. They are also suitable to harmonize with any other select bedding plants and make an excellent ground work for standard roses. To insure the best results, the dead flowers should be removed regularly.

VIOLA HYBRIDA—Jersey Jewel. New. Finer and larger and of a deeper, richer color than J. Gem. Blooming size plants (not seedlings), 25c each; \$2.50 per doz. post paid. Large clumps that you can divide, 50c each, postage 10c extra.

Better winter violas in cold frame the first year after transplanting,

although they are entirely hardy.

There is a large list of lovely Violas, such as Apricot, Maggie Mott, Arkwright Ruby and others which are easily and best grown from seed every year, making a sowing either in the fall or early spring.

#### LILY OF THE VALLEY

These lovely flowers are too well known to require a description. Strong field-grown clumps for immediate effect, 40c each post paid; \$4.00 per doz. by express, charges collect. Singles pips 50c per doz., post paid; \$3.00 per 100 by express, charges collect, either fall or very early spring delivery. Plant in shade or northern exposure. Give leaf mould or decayed wood soil.

# THE NEW "PUGET SOUND WONDER" STRAWBERRY (Also known as the "New Washington") The Honey Sweet Strawberry

Undoubtedly the best strawberry in cultivation. Reasons for pre-eminence—largest, sweetest and best flavored berry, red to the center. The flavor is like the wild strawberry. Eighteen berries fill a shipping box the first part of the season. It will grow on either heavy or light soil and in any climate where strawberries are grown. Most prolific grower, as when grown in hills on fertilized ground the plants grow so large that the pickers can pick only one side of a row at a time.

Nearly frost-proof, as young plants stay green at three degrees below zero.

Blooms late and ripens early.

As nearly as we can trace the parentage of this berry, it is a Marshall, crossed

with the native wild strawberry.

Plants: \$1.00 per 50; \$2.00 per 100; \$7.50 per 500, prepaid west of the Rockies; east of the Rockies add 25c per 100. Wholesale per 1000, \$5.00 by express, collect. Early Spring is the best planting time for strawberries, except in mild winter climates.

# MASTODON — A WONDERFUL EVERBEARING STRAWBERRY

Will produce all through the summer and fall until heavy frost. The essentials for success: good fertile soil that will retain the moisture; EARLY planting most important and keep the blossoms off until June so the plant can make a vigorous growth which means delicious berries all through the summer and fall. Prices: 25 plants for 60c, post paid; \$1.00 per 100, post paid (25c more for Alaska and Canada); \$5.00 per 1000 by express, charges collect; \$3.00 for 500.

# Bulb Section

All bulbs described and listed in the following pages should be planted in the fall. Indeed, some, such as Spanish, Dutch and English Irises, Daffodils, Tulips, and some varieties of Lily bulbs can only be planted in the fall. (The Madonna or Candidum Lily should only be planted during August, and not later than September; they cannot be planted successfully in the Spring.) Some lily varieties, such as the Regales, Auratum, and the Japanese Speciosum, may also be planted in early spring, but fall planting is better.



Cherokee, Iowa, August 10, 1932.

Dear Mr. Pudor:

I am enclosing a kodak picture which may please you. On March 11, 1932, I planted three Pudor's Regal Lily bulbs. On July 5, 1932, there were seven stalks, one five feet tall with 25 buds, 18 in bloom at the same time. On all seven stalks there were 40 lilies in bloom and 15 left to open—a beautiful picture. My garden friends would not believe me, but "seeing is believing."

On two other Regals purchased elsewhere two years ago, and though five feet and with a dozen blooms each, there was an increase of one stalk.

Two years ago I also purchased three Madonna Lily bulbs of Pudor's which this year had eight stalks, at the same time three bulbs from another firm who radioed daily about their wonderful bulbs. These planted at the same time, side by side had increased one, while Pudor's had almost tripled. Hereafter only Pudor's lily bulbs for me.

Very truly yours, MRS. C. L. H.

OUR REGAL LILY BULBS. Grown in the garden of one of our customers. Photo taken July 5, 1932. Seven stalks, one five feet tall with 25 buds of which 18 are in bloom at same time. On all seven stalks were 40 lilies in bloom and 15 still to open. "Heavenly, indeed," and Solomon in all his glory was not arrayed like one of these.

#### LILIUM REGALE

Introduced from Western China by Mr. E. H. Wilson. It is hardly necessary to sing the praises of Lilium Regale, for is it not generally regarded as the finest of all garden Lilies of recent introduction? It is very bold and vigorous.

Don't be fooled on the prices of Lily or Iris bulbs—or for that matter, on any flower bulbs. It's the SIZE of the bulb that determines its price. Make sure of THE SIZE of the bulbs you buy.

#### LILIES — Continued

We sell just three sizes of REGAL LILIES—

7 to 8-inch circumference—the smallest size, and will produce fine flowers. 20c each, post paid. At the rate of 15c each per 25, 50 or 100 by express, charges collect. Not less than 25 sold at this price.

9 to 10-inch circumference, 30c each post paid. At the rate of 25c each per 25,

50 or 100 by express, charges collect.

11 to 12-inch circumference. Mammoth size, 60c each post paid. At the rate of 50c each per 25 or 50 by express, collect. This will produce enormous flower heads.

The REGAL LILY is easily grown from seed. 25c per pkt.; one-fourth oz., 40c;

one-half oz., 75c; oz. \$1.00.

L. HENRYI (the orange-yellow Speciosum). Too much cannot be said in praise of this new Lily. Its constitution is of the hardiest; it is very free-flowering, reaching six feet or more in height when established, and bearing over 20 flowers, which are of a rich, deep orange-yellow, very telling in point of color and well set off by the deep green foliage. The fact that it is seen doing well in so many gardens shows its sound constitution and good flowering qualities. It is one of the best Lilies ever introduced, and one which I confidently recommended. (Aug. - Sept.) Grand bulbs, 8 to 9 inches circumference, 35c each post paid; 20c each by express, charges collect. Largest size, 10 to 12-inch circumference, 50c each post paid; 35c each by express, charges collect.



LILIUM CANDIDUM (The MADONNA or ST. JOSEPH'S LILY). A perfectly hardy, lovely Lily that succeeds well in every garden. To appreciate its full

### LILIES — Continued

beauty, the bulbs should stay in the ground for several years. Strong flowering bulbs. Plant this Lily in August—September the very latest—very shallow. It should not be planted at any other time.

- 7 to 8-inch circumference, 20c each post paid; \$12.50 per 100 by express, charges collect; 50 at same rate; 25 for \$3.75 by express, charges collect.
- 9 to 10-inch circumference, 30c each post paid; \$22.00 per 100 by express, charges collect; 50 at same rate; 25 for \$6.00 by express, charges collect.
- 11 to 12-inch mammoth size, 40c each by mail, post paid; \$4.00 per 12 by express, charges collect.
- THE CORAL LILY (Lilium tenuifolium). A perfect little darling from Siberia. You know it's "got" to be hardy when its home is in the land of snows. This is about as dainty a little flower as could be imagined. The color is bright coral-red. The stems seldom grow more than a foot and a half high; often not more than a foot, which makes it a charming addition to the rock garden. It blooms real early in the summer and has up to a dozen nodding little blooms to the stem. Plant in the fall or very early spring months. Not for sale after March 15th. Two-year-old bulbs, 3 for 50c; 6 for 90c; \$1.75 per doz., post paid.

#### CAMASSIAS

Whether on the Pacific Coast or in the East, there are few bulbous plants which meet climatic or soil conditions better, or give a more attractive bloom. They are hardy without protection, and thrive either under ordinary garden conditions or when naturalized in open moist woods, or on the sides of ponds or streams, or in not too dense a grassy growth. In the West they thrive where they are submerged all winter. All Eastern customers praise them highly. It is better to plant them not over four inches apart in masses of from twelve to hundreds. Plant from October to January in any fair soil, and three to four inches deep. Water liberally when growing and in flower, but it does not matter whether they are dried off afterward or not. The foliage is excellent. Not necessary to lift when done flowering. They can be left alone for years.

- CAMASSIA LEICHTLINI. Deep blue. It is a fine plant that may grow to four feet in height, with as many as a hundred flowers, of the finest, even form, star-shaped, and as large as an inch and a half across. It flowers in long succession. 95c per doz. post paid. By express, charges collect, \$7.00 per 100; 50 at same rate.
- CAMASSIA LEICHTLINI—White to Cream. These bulbs are getting scarce. Per doz. \$1.00; \$7.50 per 100 by express, charges collect; 50 at same rate. Reports from delighted growers in all sections of the United States justify us in emphasizing both the hardiness and beauty of Camassias.

Camassias are ready from September on. Best planted in late September and early October. Not for sale in spring.

- MUSCARI. Heavenly blue. The early spring blooming Grape Hyacinth. Charming in the border and in the Alpine Garden. First size, 50c per doz. post paid; by express, \$3.50 per 100.
- SCILLA CAMPANULATA. Blue: 60c per doz., postpaid; by express \$4.00 per 100. White: 75c per doz., postpaid; by express \$6.00 per 100.
- ANEMONES—St. Brigid. Plant either in fall or early spring, but fall planting is best as the Anemone is a very early spring bloomer. Jumbo Size, 75c per doz.; 3 doz. for \$2.00 post paid. Stock of this size is not large. First Size, 1 year old (all will bloom), 50c per doz.; \$2.00 for 50; \$3.50 per 100 post paid.
- LEUCOJUM (Snowflake). Produce pretty, nodding white flowers somewhat like a Giant Snowdrop on tall 18-inch stems. See photo. They bloom at the same time as Tulips, or a little earlier, and are lovely subjects for the spring garden too little known. Largest bulbs, 20c each post paid; smaller size, 15c each post paid. By express, charges collect, at the rate of 15c each for largest size for 25, 50 or 100.



"Camassia Leichtlinii"

#### SPANISH, DUTCH AND ENGLISH IRIS BULBS

### MUST BE PLANTED IN SEPTEMBER OR OCTOBER (NOT LATER)

—to remain in the ground for two or three years, when the colonies then formed must be divided in August, and replanted in September. It will be found that the bulbs have tripled and quadrupled.

Plant these Iris bulbs in well-drained, light, sandy loam, if possible; fertilize with bone meal at planting time, and mulch well during the winter in cold climates.

Contrary to the general belief, these beautiful bulbous Iris, which are annually forced by the millions in florists' greenhouses for the cut flower trade, are entirely hardy out-of-doors; all they need in cold climates is a liberal mulch of dead leaves or straw during the coldest winter months. A customer grows them successfully year after year in Montreal, Canada, where the thermometer goes way below zero. In milder sections of the country they need no protection whatever. The Spanish Iris make an early fall growth, so do not be alarmed when you see the tiny onion-like leaves appear in November.

Since some of the bulbous Iris are always sold out before the last orders come in, please order in July or August. Later always name one or two substitutes in case one or two of the varieties you are ordering are sold out.

Please note particularly the Dutch, Spanish and English Irises are not for sale in the spring, and we usually plant what is left on hand in October, the latest. Hence you cannot obtain any of these after they have been planted.

PLEASE NOTE: If you lose your bulbs during the winter and they fail to come up, it is not our fault nor the bulbs', so do not ask us to replace them the following year. If you will plant the bulbs early—by September—in well-drained soil, then upon approach of cold weather mulch them well, you won't lose them.

#### DUTCH IRIS (Finer New Varieties)—FIRST SIZE BULBS

The flowers are larger, more graceful and of greater substance and finer color. They have better stems and are more disease-resistant than the older varieties.

E. B. GARNIER. 24 in. tall. Both Standards and Falls a uniform dark blue; an improved "IMPERATOR." 10 bulbs for 45c post paid; 50 for \$1.90 post paid; 100 for \$3.50 by express, charges collect.

GOLDEN BRONZE. Standards dark violet-edged bronze, falls attractive golden bronze, very beautiful. Height 22 inches. \$1.00 per 10; 25 for \$2.25; \$7.00 per 100 by express charges collect

100 by express, charges collect.

GOLDEN GLORY. Standards golden yellow, falls darker. The dark "Yellow Queen." Height 24 inches. 10 bulbs for 50c post paid; 25 for \$1.10; 50 for \$2.00 post paid; \$3.50 per 100 by express, charges collect.

\$2.00 post paid; \$3.50 per 100 by express, charges collect.

LEAONARDO DA VINCI. Standards creamy white, falls canary yellow with orange stripe. Very early flowers. Height 28 inches. Prices same as for the above "Golden Glory."

POGGENBEEK. Standards and falls uniform dark blue. Great improvement on Imperator. Height 30 inches. 10 bulbs for 45c post paid; 50 for \$1.90 post paid; 100 for \$3.50 by express, charges collect.

THEO. WYCK. 20 in tall. Standards and Falls uniform corn-flower blue, with narrow orange stripe; very beautiful. You will love it. 10 bulbs for 60c; 25 for \$1.35; per 100 \$3.50 by express, charges collect.

THERESA SCHWARTZA. 24 in tall. Standards pale lavender; falls pure white with very narrow orange stripes. A beauty. 10 bulbs for 45c post paid; 50 for \$1.90 post paid; 100 for \$3.50 by express, charges collect.

WHITE EXCELSIOR. Uniform pure white, falls very broad. Very good form and substance. Height 22 inches. Prices same as for "Theresa Schwartz."
YELLOW QUEEN. 28 in. tall. Both the standards and falls golden yellow. Per-

fectly levely. 10 bulbs 75c post paid; 25 for \$1.80; 50 for \$3.50.

MIXTURE. A well blended mixture of all the above and others, 45c per 10 post paid; 3 doz. for \$1.50 post paid; per 100 \$3.50 by express, charges collect.

TINGITANA HYBRID "WEDGEWOOD." The handsomest of all. Not hardy outside in the coldest sections of New England, but a great Iris for forcing or for milder climates. A large, clear, light blue self color. Large bulbs, \$1.00 per doz. post paid. Smaller flowering size, 75c per doz; per 100 (50 at same rate, but not 25) size 8 to 9 cm. circumference (not inches!), \$4.00; size 9 to 10 cm., \$7.00; mammoth size: 10 cm. up, \$9.00 per 100. Express charges collect.



## LEUCOJUM

(Snowflake)

Like a lovely mammoth snowdrop.

Bulbs, page 27.

ENGLISH IRIS (Bulbous)

This is the latest Iris to bloom (except the Japanese Iris). Very large, handsome flowers. It is not a forcing variety, but one of the finest cut-flower Iris known. A handsome, hardy garden variety (but needs winter mulching like the Dutch and Spanish). It should be grown by every florist as the handsome cut flowers always command a good price. See colored plate on front cover. BLUE CELESTE (or Sky Blue). Largest of all; light lavender blue.

ELECTRA (Sunset). Like a Cattleya orchid, delicate lavender-pink.

KING OF THE BLUES. A brilliant deep blue. ROSA BONHEUR. Beautiful white, flecked rose.

TOP SIZE BULBS: 12c each post paid; \$1.40 per doz. post paid; 3 doz. for \$4.00 post paid. By express, charges collect, 50 for \$4.50.

A CHOICE MIXTURE: 95c per doz.; 3 doz. for \$2.75 post paid; 100 for \$6.50 by express, collect.

### SPANISH IRIS—FIRST OR TOP SIZE BULBS, 6 to 7 Cm.

THESE BLOOM TEN DAYS TO TWO WEEKS AFTER THE DUTCH IRIS. They are lovely, graceful flowers, charming cut flowers lasting from a week to ten days after being cut, all the buds developing.

BLANCHE FLEUR. White tinged with light blue.

CAJANUS. A charming golden yellow self; the tallest of them all, growing from 30 to 36 inches tall with large blossoms. We have a small colony of these at the edge of our rockery and a charming sight it is.

FLORA. A lovely combination of pale lavender and cream with a brilliant orange blotch.

KING OF THE BLUES. Deep blue. KING OF THE WHITES. Pure white.

PRICE of any of the above named varieties: 60c per doz.; 3 doz. for \$1.75; 50 for \$2.25; 100 for \$4.50, all post paid; \$40.00 per 1000 by express, charges collect. A LOVELY MIXTURE. A field of SPANISH IRIS in mixture looks like a colony of multi-colored exotic immense butterflies, fluttering in a gentle June breeze. Prices: 50c per doz.; 3 doz. for \$1.40; \$3.75 per 100 post paid; \$30.00 per 1000

by express, charges collect. BRONZE. The only good BRONZE variety. Per doz. 75c; 3 doz. for \$2.00 post

paid.

#### IRIS CULTURE

Any ordinary garden soil, and almost any position suits the Iris, but a rather dry and sunny position is the best; they object to fresh stable manure, which should be avoided when planting. If the best results are desired they should be planted in good, rich soil which must not be deficient in lime. The latter constituent is of the greatest importance in the cultivation of bearded Irises, and it must be added to the soil if not present in sufficient quantity. It is a good plan to give a dressing of superphosphate of lime when transplanting, and a dressing of powdered chalk in the Autumn and Winter.

#### THE FAMOUS PUDOR IRISES

ALIQUIPPA. Height 34 inches. Fragrant; late bloomer. A very fine large yellow variety. Silver Medal Iris Society
yellow variety. Silver Medal Iris Society
F. Deep rich velvety brown
APHRODITE. One of the best "PINK" Iris. Height 4 feet. S. & F. Of
the same bright pink with no markings. Sweetly scented
ASIA. Height 4 to 5 feet. A grand Iris unlike anything else. S. Pale silvery
lavender; F. Reddish purple. Both S. and F. with gold margins
BALLERINE. Height 3 feet. Very sweetly scented. S. Light blue-violet.
F. A deeper shade. An Iris that is always greatly admired
BRUNO. Height 3 feet. One of the finest "Dominion" seedlings. One of
the five best Iris. S. Bronzy heliotrope. F. A rich velvety violet
purple
CATTLEYA. Height 30 inches. A light lavender pink toned variety. S.
Fawn and lavender rose with deeper Falls remarkable red veins
CITRONELLA. Height 3 feet. A handsome brilliant free-flowering yellow
with Falls beautifully veined and mottled red. Given an Award of Merit in England
CONCHOBAR. Height 4 feet. S. Lavender overlaid bronze. Falls rich velvety plum-purple. Tall and handsome
CONQUISTADOR. Deep mauve shading to light lavender. Tall and fragrant25
DOLLY MADISON. Pale pinkish mauve standards with broad flaring falls
of lilac; half tinted gold with orange beard. Most outstanding color.
Growth vigorous
DUKE OF BEDFORD. Height 34 inches. A fine large "Dominion" seed-
ling. S. Deep reddish-violet; Falls rich velvety purple
ESPLENDIDO. Height 3 feet. Very large and branched, a fine dark blue
toned Iris. One of Mr. Mohr's California Iris
EVADNE. Height fully 3 feet. A glowing rosy-red self Iris; a great im-
provement on Seminole, deliciously scented
FRIEDA MOHR (Wm. Mohr). No doubt one of the finest Iris. Height 4
feet. Sweetly scented. A gigantic deep-pink toned Iris of perfect form, good texture, brilliant coloring and long flowering season. Stock is
always scarce
GERMAINE PERTHUIS. Height 3 feet. Enormous flowers of an intense
velvety violet-purple self. Late and fragrant
GEORGIA (Farr). S., F. and stigmas a soft shade of rose; bright orange
beard: a most beautiful delicate variety
GOLD IMPERIAL. (By Miss Sturtevant.) Stalks widely branched, pro-
fuse bloomers of chrome-yellow flowers of beautiful texture
INDIAN CHIEF. A dark velvety violet-red. Fine form and vigorous. One of the best
V1. V11V DVD V
ISOLINE. Height 2½ feet. A grand distinct Iris. S. Lilac-pink; F. purplish old rose, golden at throat
LORD LAMBOURNE. Height 3 feet. Very early. Profuse bloomer. S.
Soft rosy-fawn. F. rich crimson, golden beard
LOS ANGELES. A giant in size, snowy-white, with faint edgings of laven-
der-blue on the edges
MADAME DURRAND. Height fully 4 feet. A perfect beauty with stand-
ards of gold and Falls blue-purple on gold
MAGNIFICA. Height 3½ feet. Rich color, great size and deliciously frag-
rant. Should be in every collection. A brilliant crimson-toned bi-color2

FAMOUS PUDOR IRISES — Continued	
MELCHIOR. A beautiful red-bronze claret self with orange beard. Ruffled	1 00
velvety falls. 3 feet, well branched. Very fine	1.00
S. Palest yellow; F. Velvety violet. Fine substance	.25
MORNING SPLENDOR. Height 3 feet. Rich deep red-purple, almost a	.25
rich luminous ruby-crimson. A winner	.40
inion" seedling. Color most effective brilliant red-purple	.25
PLUIE D'OR. Height 36 inches. A large flower of perfect form and a pro- fuse bloomer. A deep pure golden-yellow self. One of the finest new Iris	.75
PURISSIMA. A tall vigorous Iris. "THE" perfect pure-white Iris of great size, perfect form. Stock very scarce	.75
SAN FRANCISCO. Tall stem, branching low like a candelabra, with large white flowers edged a lovely lavender. In size, shape and substance nothing can approach it.	.75
SANTA BARBARA. Height 3½ feet. A gigantic light-blue self of perfect form. One of the largest and finest in this class	.25
SIKH. Height 33 inches. A very fine bronze-red variety. A very large flower of perfect form with velvety, flaring falls	.50
SOUVENIER DE MADAME GAUDICHAU. Height 3½ feet. A very fine and distinct variety. A deep purple bi-colcr; well shaped rich velvety flowers	.25
STEEPWAY. Height 3½ feet. A beautiful, distinct variety. S. reddishfawn; F. purple and apricot; flowers like satin.	.25
SUSAN BLISS. Height 3 feet. One of the finest pink-toned Iris. Largest flowers of a delicate shade of pale lilac-rose; 3 and 4 flowers open at one time	.25
WILLIAM MOHR. An immense ruffled flower on stems 30 inches tall. A self color of pale lilac veined with deep violet. A marvelous variety.	
Stock is very scarce and orders can not be filled of this variety until the sun mer	.80
MISCELLANEOUS IRIS SPECIES AND BEARDLESS IRIS	
GIGANTEA (Orientalis). See Orcholeuca.	
OCHROLEUCA (Orientalis). Noble-growing hardy plant, producing large flowers of ivory whiteness, with orange-yellow at the throat, of a stout texture, lasting in beauty for days, highly effective for decorative purposes. 6 fteach	.35
poses. 6 ft. each TOL-LONG (Tolmiena x Longipetala). This is a very free flowering plant,	
intermediate in character between the parents. I think it one of the most charming border Irises. The flowers are a delightful shade of the palest lavender, and are beautifully veined. 1½ to 2 fteach	.35
SULPHUREA. A beautiful yellow form of the Ochroleuca. A vigorous grower; supply smalleach	.50
RARE IRIS SPECIES AND HYBRIDS BY PERRY	

These Iris species make charming clumps for the Alpine Garden, blooming in June and growing 12 to 18 inches high.

Hyancinthina, rare species from Thibet, remarkably free flowering with soft blue flowers. Transplanted clumps this fall 35c each; \$2.00 for six.

Dougbract. Another beautiful hybrid. Blooming sized clumps 35c each, \$2.00 for six.

Bulleygraphes. A fine hybrid of recent introduction. Transplanted clumps this fall 35c each; six for \$2.00.

Chrysogana. Another fine hybrid of recent introduction. Blooming sized clumps 35c each; \$2.00 for ½ dozen.

#### IRIS SIBERICA

The most elegant of all Irises and among the easiest to grow. The Siberian Irises have long, tall stems, grassy foliage, and are very floriferous. They are among the best for cutting, or for massing by the waterside. The flowers are various shades of blue with white marking; they succeed best in moist sunny situations in rich soil.

PERRY'S BLUE. A wonderful shade of sky blue; 4 ft. The best	Each	3 for
of all	\$ .35	\$1.00
DISTINCTION. A lovely small blue flower, posed on a slender stem	·	Ψ1.00
like a butterfly	.35	.90
ORIENTALIS "EMPEROR." Deep violet blue. One of the best	.35	1.00
ORIENTALIS "SNOW QUEEN." Of snowy whiteness, rich yellow		
blotch	.30	.80
Delicas constal and Constal and It is a constal at the constal at		

Prices quoted are for good strong divisions of blooming size and age.

PLEASE ADD 10c POSTAGE TO EACH SIBERIAN IRIS ON ACCOUNT OF THEIR HEAVY WEIGHT

#### THE JAPANESE IRIS

How to Handle the Plants in Order to Get Large and Handsome Flowers (From "Horticulture," Boston, Mass.)

Reginald Farrer says that there is nothing in the garden like Japanese Iris for arrogance, subtlety and sheer insolence of beauty. This is precisely the effect conveyed when one sees Japanese Irises in large masses. When a few plants are found on the banks of a stream, they have more of piquancy and less of boldness. They are the most striking flowers of July, and not so difficult to grow as the average gardener supposes.

It is not true that Japanese Irises must have bogland or even water in which to bathe their roots. They love moisture, but will flourish in any good garden soil if water is applied in abundance and if the exposure is sunny. The latter point is important. It is useless trying to grow Japanese Irises in a shady spot. Sunlight and moisture are the two requisites for success with these plants.

The best time to set out Irises of this type or to divide and transplant those already in the garden is in late July or early August. Orders for new plants should be put in immediately. Let it be remembered that this type of Iris takes an entirely different treatment from the Bearded Iris. Instead of being planted almost on the surface of the ground, the crowns should be buried two inches.

Peat can be added to advantage to soil where Japanese Irises are to go. Unlike the bearded Irises, which delight in lime, the Japanese forms prefer a soil which is somewhat acid. Lime should never be used with them. It is also important that the ground be kept well cultivated, never being allowed to become hard or dry. A summer mulch of pulverized peat lessens the amount of hoeing necessary and helps to hold the moisture.

The location should be one where the drainage is good, even though it be close by a pond. These Irises like to have their roots reach water in summer, but stagnant water must not stand around the clumps, and it is imperative that they should not be caked over with ice in winter.

Japanese Irises must have plenty of room, and must never have competition from weeds or grass. If they are used in a general garden away from water, a spot should be prepared for them by digging out a foot of earth, and working in an abundance of well-rotted cow manure. If the earth is at all heavy, set the divided clump on a little mound of sand. When winter comes a light mulch will be needed.

There is only one way in which to get an abundance of large flowers, and that is to supply water with a generous hand during the spring before the buds open. Water and water alone will make big blooms. In gardens where the situation is unusually favorable, the Japanese plants are sometimes entirely submerged once or twice in the spring, the water being drained off after a day or two.



JAPANESE IRIS

Unfortunately, the names of Japanese Irises have become badly mixed. Many growers have given different names to the same plants, and there is always much confusion when making a collection. Nevertheless, magnificent varieties may be obtained, with flowers running from pure white through lavender to purple. There are both single and double forms, the former occasionally throwing blooms eight or nine inches in diameter.

These Irises are not troubled by many pests, but seem to tempt the Rose chafer for a short season, and are sometimes infested by the European cornborer in sections where that pest has become well established.

# GORGEOUS JAPANESE IRIS—Our Own Re-Selected Seedlings Order by Number

"Those Japanese Irises you sent me last year are the most gorgeously beautiful things we have ever had in our garden. I want five more dozen."

- No. 130—A beautiful double 6-petaled variety; pansy-violet without any veining in the petals. Price: Size B 50c.
- No. 150—A beautiful 3-petaled white variety with blue veining and very prominent upright standing standards. Prices: Size A 50c; Size B 35c.
- No. 40—A very fine and very large three-petaled blue variety. Size A 50c.
- No. 260—A double 6-petaled very fine blue variety. Size A 75c; Size B 50c.
- No. 280—A very fine large 6-petaled variety, a rich purple with a blue cast and a yellow radiating center. Size A 75c; Size B 50c.
- No. 60—A 3-petaled pale lavender with deep purple veining; very beautiful. Size A 50c.
- No. 80—A very large pure lilac 3-petaled variety with a white radiating center; very free bloomer. Size A 50c; Size B 35c.
- No. 90—A beautiful 6-petaled double variety of rich velvety purple with a yellow radiating center; a gorgeous thing. Size A 75c; Size B 50c.
- No. 200—A 3-petaled rich crimson velvety purple; a wonderful color. Size A 50c.
- No. 190—A very rich royal purple with three large petals. Size A 50c; Size B 35c.
- No. 230—A double 6-petaled pure white. Size A 50c; Size B 35c.
- No. 180—A lovely 3-petaled pure violet. Size A 50c; Size B 35c.
- No. 270—A lovely blue color, but seems a shy bloomer; possibly not in your garden. Size A 75c; Size B 50c.
- "Morning Mists." Possibly the largest Japanese Iris; immense white crepy petals with the slightest bluish tint. Size A 75c; Size B 50c.

#### JAPANESE NAMED VARIETIES

Kuro Kumo. Double deep purple, overlaid with blue. Size A, 50c; Size B, 35c. Shirataki. Very tall, broad fluted white petals with a golden band in the center; a wonderful pure white flower. Size A 50c; Size B 35c.

Size "A" consists of Large Division with 3 or 4 fans; each one, if taken care of as it should be, will produce flower stalks the first year. Owing to the heavy weight of the Japanese Iris, please include 25c per plant extra for mail charges (2 lbs.), Middle Western and all Eastern and Southern States. West of the Rockies add 10c to each plant.

Size "B" consists of Divisions with at least 2 fans; these should also produce one or two flower stalks the first season under favorable conditions; these are sent postpaid to California and all states West of the Rocky Mountains, but East of the Rocky Mountains please add 12 cents to each clump of the Size "B." A clump of this size will weigh 1 lb. or more.

We advise Express Shipment. For large orders, say from a dozen up, especially of Size "A," we advise express shipment; they are too havy and clumsy to be shipped by mail.

Japanese Irises will thrive in any part of the United States; they are hardy and much more beautiful than the Germanica group. If you have never grown them, you have missed a lot. They are fine for cut flowers. You can plant them in the early spring or in the fall with equal success.

# MISCELLANEOUS JAPANESE IRIS (KAEMPFERII)

We offer the finest selected Japanese strain, equal to the choicest named varieties, which are very badly mixed in this country; almost every grower offers something different under the same name. We have been raising these Irises from seeds imported from the largest Iris gardens near Tokyo. You will be greatly pleased with the varieties.

LARGE BLOOMING SIZE CLUMPS, MIXED (add 10c postage to each	61 00
clump)35c, 3 for	\$1.00
EXTRA HEAVY CLUMPS, MIXED, by express collect3 for	2.00
TINY SEEDLINGS—Fall delivery. Will bloom in two yearsPer doz.	.60

#### JAPANESE IRIS SEEDS

These Irises are very easily raised from seeds and, unlike the German Iris seeds, they germinate well and quickly. Fall-sown seeds will give you nice plants by Spring and some of these will bloom the second autumn; all will bloom the second year. Spring-sown seeds will give you large blooming sized clumps the following year. Raising these beautiful Iris seeds, never knowing what wonderful prizes you will draw, is a most charming and fascinating garden game. If you have never raised Japanese Iris, try it by all means.

BEST SELECTED SEEDS \_\_\_\_\_\_\_ 1/8 oz., 35c; 1/4 oz., 60c; oz. \$2.00; pkt. 25c

In some years our seed crop is short or fails entirely, when we have to import our seeds from Japan. These do not arrive here until after Christmas; hence you cannot get your seeds until January, but usually we have plenty of seeds of our own raising by November!

NOTICE—New seeds do not mature until late in the fall. We send them out as soon as ready. (We can't do it before.)

#### ARE YOU BOTHERED WITH IRIS ROT? TRY THIS ONE

Mr. Dykes, in his book on Iris, says to make a solution of potassium permanganate—obtainable at any drug store for little money—and wash the affected part—a sure cure.

#### PERENNIAL DELPHINIUM HYBRIDS AS ANNUALS

Riverton, N. J.

Pudor's, Inc., Puyallup, Wash.

Enclosed please find check for which please send the delphinium seed on order sheet. Your seeds germinate so satisfactorily. The earlier I can start my seed the better plants they make for me. You see we have bacterial crown rot, and though I have tried every advertised remedy and those recommended by the Delphinium Society, my delphiniums are only annual—but SUCH annuals! Glorious eight and nine foot spikes of closely set florets, each big as a dollar. But by September 28th everyone has rotted and been burnt. Even the seedlings throw several stalks—they are the pride of my garden.

MRS. H. S. M.

#### MOST GARDENERS LOVE TO RAISE FLOWERS FROM SEEDS

This little bulletin, a most excellent publication, will certainly help you to overcome all your seed difficulties.

# MISSOURI BOTANICAL GARDEN BULLETIN, entitled "GROWING PLANTS FROM SEEDS"

Handsomely illustrated with 29 photographs, showing the whole process of sowing seeds to the transplanting of the seedlings. It is by far the best bulletin on the subject we have ever seen. Through the courtesy of the Botanical Garden, we were given special permission to reprint this bulletin. Price 15c. Ask for it. It is sent free with all seed orders amounting to \$1.50 or more, if asked for with the order.

### RARE OR UNUSUAL "PLANTS"

GLOBE FLOWER "TROLLIUS." European specie. Strong clumps, 40c each. GEUM "BORISII." Rare, dwarf plants for the rockery. 25c and 40c each. GEUM "FIRE OPAL." Taller than above, like the ordinary geum, but of wonderful color; double. 25c and 40c each.

### REAL USEFUL BOOKS FOR YOUR GARDEN LIBRARY

"RAINBOW FRAGMENTS"—The gardener's book of "BEARDED IRIS" by J. MARION SHULL, Grower, Originator, Artist. Tells how to grow beautiful irises in your garden, where and how to plant, and how to experiment for new sorts. Describes the best varieties. 18 IRISES IN FULL COLOR; many illustrations from photographs. A beautiful and useful book. 317 pages bound in blue cloth with gold stamping. Reduced from \$3.50 to \$2.15, post paid.

DELPHINIUMS, THEIR HISTORY AND CULTIVATION, by GEORGE A. PHIL-LIPS, a leading English grower and hybridizer. 256 pages with two-color plates, 20 halftone plates and 18 line drawings. Price \$2.50, post paid.

THE ROCK GARDEN by LOUISE BEEBE WILDER. A new book at popular price by America's best known authority on rock gardening. Based on her own experience as an amateur, it tells just how to make a rock garden, how and what to plant for year-round beauty. Contains an alphabetical descriptive list of the 200 best rock plants and how to grow them. Fully illustrated, 230 pages, 5½ x 8¼. \$1.60, post paid.

FROM A SUNSET GARDEN, by SYDNEY B. MITCHELL. If you enjoy the unusual in your garden and like to adventure with the newer varieties and new ways of using them, you'll enjoy and get many suggestions from this book. Delightfully written and fully informative on all the bulbs, trees, shrubs, rock plants, annuals, and perennials. A book you'll value highly. Fully illustrated. 337 pages. 5½ x 8½. Now \$2.10, post paid.

#### NOTICE TO CUSTOMERS EAST OF THE MISSISSIPPI RIVER

After this we will discontinue the shipment of all plants (clumps and seedlings) in the spring of the year to points EAST OF THE MISSISSIPPI RIVER, except entirely at your own risk.

Our spring comes so early that by March 15th plants are already making a rapid growth, and by the time spring and planting time arrives in the East in April, our plants are so far advanced that they do not ship very well and only cause us a lot of grief and disappointment to our customers.

We advise all customers to order their plants and seedlings in the fall of the year, which is the best and most logical time anyway. We can begin shipment in September TO ALL POINTS IN THE UNITED STATES and continue until November and December to milder sections, such as Southern California, Texas and Florida, beginning again in February, weather permitting, until March 15th for clumps and plants to May 15th for seedlings.

If you want your plants sent by mail, post paid, always add 10% of your plant order for postage. In other words: if your plant order comes to \$2.00, add 20c; if to \$5.50, add 55c; and if it amounts to less than \$1.00, add 25c for handling charges. PLEASE BEAR IN MIND THAT IN EVERY CASE WHERE THE 10% PARCEL POST CHARGE IS NOT REMITTED, PLANTS WILL BE SENT BY EXPRESS, CHARGES COLLECT.

#### DO NOT OVERLOOK THIS NOTICE!

Owing to the expense of digging plants, wrapping them and mailing them, we cannot accept orders for plants for less an amount than \$1.00 and then they must be sent altogether. IF YOU ORDER LESS THAN \$1.00 in plants, add 25c extra for handling charges. Don't fail to do so, or your money will be returned.



SPANISH AND DUTCH BULBOUS IRIS
See Page 29

# PUDOR'S, INC.

Puyallup, Washington